



Don't Let Gas Flaring Become a Problem

The GasTechno™ process represents an industry breakthrough for low capital deployment of GTL facilities where feedstock costs are minimal – especially suitable for flared gas and CO2 injection for enhancing oil recovery.

The GasTechno™ process is a one-step chemical process for converting natural gas to methanol. Methanol, an extremely versatile commodity, is a liquid at ambient temperature and can be transported conventionally to market from remote locations.

The GasTechno™ process has considerable advantages over F-T technology:

- ▶ It requires only ONE chemical reaction step, not two.
- ▶ A GasTechno™ plant is considerably less complex.
- ▶ It requires far less capital investment [nearly doubling IRR].
- ▶ The chemical reaction is exothermic.
- ▶ Energy requirements are much less.
- ▶ The GasTechno™ plant size is highly scalable.



Gas flaring at Shell facility in Nigeria's Niger Delta region. Some 40 bcm of gas flared in Africa is equivalent to half of the continent's power consumption.

PHOTO: Elaine Gilligan, Climate Justice

Current analysis of the GasTechno™ process points to savings of up to 50% in capital expenditures and 20% in operational expenses.

Unlike many other direct conversion technologies being researched today, the GasTechno™ process does not use a catalyst and is cost effective to maintain. The proprietary reactor design, with precise temperature and pressure control of the reaction, allows for optimized kinetic performance, including influence over product selection (such as formaldehyde formation). The ability to sequester carbon dioxide is another inherent advantage of the process and avoids otherwise costly gas separation expenses.

Ground Floor Opportunity

Gas Technologies LLC has filed multiple patent applications and continues to research and refine its intellectual property. Designs and budgets are being finalized in preparation for early 2007 construction and operation of a pilot facility. To fund the pilot facility and related research the company plans to grant licenses to a select client base that will have access to the pilot plant data and will enjoy preferred pricing for services related to the construction of their own processing plants.

We invite you to contact us for more information on this exciting opportunity.



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