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## Novus Energy announces strategic alliance with Oxford Catalysts Group

### Highlights

- Strategic Alliance Agreement with Novus Energy, to develop technology for the production of second-generation fuel-grade alcohols from organic wastes
- Strategic Alliance delivers a royalty income to Oxford Catalysts based on sales of fuel-grade alcohols
- Novus Energy expects its first facility to be operational in 2009, and to roll out dozens of facilities over the following five years

Novus Energy, LLC, a Minneapolis-based renewable fuels company, is pleased to announce that it has signed a Strategic Alliance Agreement with Oxford Catalysts Group PLC, the leading catalyst innovator for clean fuels, to develop technology for the production of second-generation fuel-grade alcohols from organic wastes.

The Companies will pool their expertise and proprietary technologies to design and build on-site units for the processing of organic wastes into fuel-grade alcohols. Both Companies are currently working together under contract to design and build a pilot plant unit that will demonstrate the operation of the combined technologies during the second quarter of 2008.

The Alliance commits Oxford Catalysts to further funded work to develop key steps of the process, and in the design of the subsequent large scale facilities. Once these plants come on stream, Oxford Catalysts will earn a royalty income based on sales of fuel-grade alcohols from each unit.

Novus Energy has announced plans to roll out dozens of on-site facilities in the US over the next several years, designed to deliver clean, locally produced and supplied renewable fuels. Novus Energy is also planning to introduce the technology into Europe, where a similar number of facilities are also planned.

Fuel-grade alcohols can be made from specially grown crops, such as sugar cane and corn, but these first-generation bio-fuels consume significant amounts of water, land and energy in their production. In contrast, second-generation bio-fuels, such as those which will be produced by the Strategic Alliance, use organic waste instead, converting it on site into fuel-grade alcohols that are clean, green and truly sustainable.

Novus Energy's core product, fuel-grade ethanol, can be efficiently produced from the organic waste generated by a variety of food and agricultural processors, landfills and municipal wastewater treatment plants. Novel, patented, anaerobic bio-digester technology applied to the processing of the waste at such sites will produce large volumes of methane-rich biogas, which will then be used as feedstock for Novus Energy's novel, patented alcohol production technology.

Oxford Catalysts' proprietary catalyst technology will provide key links between the biogas generation and the alcohol synthesis steps.

John Offerman, President and Chief Technology Officer of Novus Energy said, "In choosing a catalyst technology company to collaborate with us to develop the challenging core processes in our RGL™ (Renewable Gas-to-Liquid™) technology, Novus Energy needed a partner that was both innovative and responsive to our specific needs. Oxford Catalysts, we found, was the only company that met those criteria. We look forward to a long and fruitful working relationship with them."

Roy Lipski, Chief Executive of Oxford Catalysts responded with, "We are delighted to be partnering with Novus Energy, who bring complementary technology and expertise to this exciting and innovative waste-to-energy alliance. Together, we will address the rapidly growing need for truly renewable, clean, sustainable transport fuels, and share in the significant revenue potential which this opportunity presents."

– Ends –

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## Notes to Editors

Novus Energy, LLC, a Minnesota (U.S.A.) renewable fuels development company, was organized in 2004 to design, fabricate and rollout high-yield fuel-grade alcohol facilities, using organic waste materials (including cellulosic wastes) as the fuel feedstock. The company's proprietary process generates methane-rich biogas from advanced anaerobic digestion methods, and converts the biogas to ethanol and higher alcohols using a novel renewable gas-to-liquid (RGL™) process. The company currently has contracts to build refineries at a North Dakota sugar beet processor, and at Minneapolis landfill, while contracts are in process at an Idaho potato plant, a North Dakota Municipality, a Texas Creamery and at an Iowa site where a facility will be built to convert farm waste - corn stover and hog manure.

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