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Wisconsin based BEST Energies nominated for an Australian award for meeting the greenhouse challenge

United Nations Association of Australia 2007 World Environment Day Award Finalist

Madison, WI, June 1, 2007. BEST Energies' Slow Pyrolysis technology, developed and in operation at its Australian office, has been nominated for the 2007 Sustainability Victoria Award for Meeting the Greenhouse Challenge in Australia. Australian-developed slow pyrolysis technology is leading the world in carbon negative (removing CO_2 from the atmosphere) renewable energy. Through a collaborative research and development program between BEST Energies and NSW Department of Primary Industries, the true benefits of this concept are beginning to be understood, and implementation on a commercial scale is becoming a possibility. The commercial uptake of the BEST's pyrolysis technology will result in significant carbon sequestration and GHG mitigation as well as the long-term sustainability benefits of increased soil health and therefore agricultural productivity.

The slow pyrolysis technology developed by BEST Energies is particularly exciting because it not only produces a renewable energy to displace the use of fossil fuel, but it also produces a very stable form of solid carbon which can be sequestered over the long term in soils. Once the high carbon char product is added as an amendment to agricultural soils some of the most remarkable and promising benefits of this technology become apparent. Experiments conducted by the NSW DPI have demonstrated that the char product can improve several soil health indicators as well as increase crop yields and productivity. In addition, it decreases emissions of the powerful greenhouse gas nitrous oxide.

"I think this is one of the most exciting and important new technologies out there, in terms of stabilizing our climate" – **Tim Flannery**, on pyrolysis and BEST's fertilizer, Agrichar™ production at the International Agrichar Conference in Terrigal, Australia, May 2007. Tim Flannery is the noted author of *The Weather Makers*.

This technology ensures the enhanced energy efficiency of industry through the recycling and resource recovery of biomass streams. The pyrolysis process can produce a clean syngas for electricity, process heat, or downstream refining from renewable and sustainable biomass resources as well as a carbon-rich char.

BEST and NSW DPI have been actively developing and promoting this innovative approach which decreases greenhouse gases at their source through improved management of biomass. This approach can improve the energy efficiency of industry and displace fossil fuel use with sustainable, renewable energy. BEST's Slow Pyrolysis technology also has the potential to sequester large amounts of carbon over the long term in natural, low-risk sinks.

Based in Madison, Wisconsin, BEST Energies is focused on leading the development of clean energy solutions all based on renewable bio-resources. BEST has formed a family of companies that provide integrated bioenergy solutions around the world where biomass is available and energy is needed. To learn more, visit www.bestenergies.com or contact Cory Wendt, VP of Business Development, at (608) 827-2970 or cwendt@bestenergies.com.