



For Immediate Release

Eco-Tec's Biogas Purification Technology Part of RGMRM's Innovative Greenhouse Gas-to-Energy Project

December 12, 2007, Pickering, Ontario – Eco-Tec is proud to announce that it has recently been awarded the contract for a biogas purification system by *Régie de gestion des matières résiduelles de la Mauricie* (RGMRM) of Quebec. The integrated process includes the capture, purification and use of biogas as an alternative energy source for greenhouses.

“Hot house tomatoes are not the only beneficiary of biogas purification technology, and we are pleased to be a part of RGMRM's long-term plans to reduce greenhouse gases.” Stated Carmine Fontana, Eco-Tec's VP Business Development.

RGMRM is a municipal organization that operates most of the municipal landfills in the Mauricie region in Quebec. The landfills, such as the Saint-Étienne-des-Grès landfill and the Trois-Rivières landfill have life spans of over 60 years. Each year one landfill will generate 18,000,000 m³ of biogas, the energy equivalent of 9,000,000 m³ of natural gas. RGMRM has developed and implemented plans to capture the biogas and use it in sustainable development projects that are designed to reduce greenhouse gas (GHG) emissions by approximately 135,000 tons of CO₂.

RGMRM's projects have three major advantages: they provide plans to use an environmentally sustainable process to manage the entire life cycle of buried waste; they allow a renewable energy generated from biogas to replace a fossil fuel; and the projects are becoming sources of revenue for RGMRM and the municipalities that use and sell the biogas.

Biogas is a mixture of methane (CH₄) and carbon dioxide (CO₂) and is often contaminated with toxic quantities of hydrogen sulfide (H₂S). Eco-Tec's biogas purification system was selected for its proven, highly efficient technology. The system was designed to integrate into RGMRM's process, that includes gas conditioning through the removal of water, sulfur and (H₂S). Using a patented, high efficiency gas-liquid contacting process, H₂S is absorbed and the gas is purified for use in power generation facilities, and other heating applications such as heat for tomato greenhouses.

Eco-Tec was recently awarded the ***Canadian Innovation Award for Environmental Technology***, by the Canadian Manufacturers and Exporters association, for this biogas technology.

Sources:
Natural Resources Canada
Eco-Tec Inc.

About Eco-Tec (www.eco-tec.com)

Eco-Tec is an award-winning, globally recognized manufacturer of water purification, gas processing, and chemical recovery systems for industrial operations. Eco-Tec provides proven integrated technologies based on proprietary technologies that offer significant cost reduction and superior process efficiency. Eco-Tec has provided more than 1500 systems in over 52 countries, and is represented in all major markets.

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