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# News Release

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FOR IMMEDIATE RELEASE  
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## Government of Canada Invests in Saskatchewan Green Agriculture Research

**Humboldt, Saskatchewan** — Today Brad Trost, Member of Parliament for Saskatoon-Humboldt, on behalf of the Honourable Lynne Yelich, Minister of State for Western Economic Diversification, announced a three-year investment with the Prairie Agricultural Machinery Institute (PAMI) to construct a pilot scale solids-content anaerobic digester which determine the cost-effectiveness of converting waste to clean energy.

“Supporting local research and development strengthens our region in both the short and long-term,” said Mr. Trost. “This green investment is just one example of our Government’s actions to support innovation, bring new ideas to the marketplace, and create jobs.”

Through its Applied Bioenergy Centre (ABC), PAMI will use this digester to evaluate the economic feasibility of livestock operators and/or municipal landfills producing their own sustainable energy sources from animal waste or household garbage. The results of the project could enable planned bioethanol and biodiesel projects to proceed more quickly and create additional jobs in rural Saskatchewan.

“PAMI is very excited about the opportunity to conduct this research project,” said Jim Wassermann, Vice President of PAMI’s Saskatchewan Operations. “Though there is a great potential in this technology, producers and agri-industry need to have questions answered before they decide to make investments. This research will allow PAMI to help them with those decisions and, in so doing, deliver on our mandate of applying technology for agriculture.”

Biodigesters convert waste materials, such as manure, straw, by-products from cattle feedlots or hog barns, household garbage, etc. to a biogas suitable for energy production. These gases—primarily methane and carbon dioxide—can be converted to

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energy, and the spent feedstock can also be utilized as a nutrient-rich compost applied as fertilizer to farmland. The purpose of PAMI's research is to determine the financial viability of municipalities, intensive livestock operations, and/or individual cattle and hog operators using solids-content anaerobic digesters to produce their own sources of clean energy for home-heating or powering electrical grids.

Pound-Maker Agventures will work with PAMI to provide agri-industry feedstock for the digester. The Western Beef Development Centre will work to provide additional feedstock for the digester. The Saskatchewan Research Council (SRC) will design the biogas demonstration system.

The Government of Canada is investing \$350,000 so that PAMI can develop a pilot-scale, solids-content anaerobic digester. Western Economic Diversification's investment is allocated to the purchase of materials, supplies and to contracting technical expertise to assist with project development.

Western Economic Diversification in partnership with the provinces, industry associations, and communities promotes the development and diversification of the western economy, coordinates federal economic activities in the West, and represents the interests of western Canadians in national decision making.

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***A stronger West. A stronger Canada***