

## Newsletter IEA Bioenergy Task 37: 2/2012 Focus Canada

### Canadian biogas development in Ontario

There are number activities under way in Canada to promote biogas from agricultural and industrial wastes as well as from landfill sites. Ontario was the first state introducing a biogas financial assistance programme in 2008 followed by a Feed in Tariff Programme in 2009 that is actually under review. There are a total of 10 biogas plants operating with an installed capacity of 5MW. An additional 20 plants are under planning or construction. A first farm biogas plant has started gas upgrading and injects into the grid as green gas. Since 2010 there are also activities in British Columbia and more recently Quebec started to subsidize first installations,

Source: Agri-energy producer's Association, Ontario (2012)

### British Columbia government funds biogas plants

The British Columbia Ministry of Energy and Mines and Minister for Renewable Housing's Innovative Clean Energy fund has selected 12 renewable energy projects that will receive a total of \$8 million in funding. Five of them will utilize biogas or biomass for heat and/or power.

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### First biomethane injection plant in BC

Since early 2011 the „Catalyst Power“ plant injects biomethane into the gas grid. The biogas plant co-digests chicken droplets, grass, fat, whey, slaughterhouse waste and maize producing 800 m<sup>3</sup>/hr of biogas. The gas is upgraded with a water washer and injected into the BC gas grid.

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### On-farm AD Waste Discharge Authorization Guideline

The Ministry of Environment has developed a guideline to assist on-farm AD proponents in applying for a waste discharge authorization under the *Environmental Management Act* and Waste Discharge Regulation.

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### The City of Surrey's waste diversion programme

The organics collection program has been identified as one of a number of key initiatives that will help us increase regional waste diversion from the current rate of 55% to the new target of 70% by the year 2015. After a pilot collection programme in 2010 and a public consultation process the city will engage in building a 60,000 tpy digestion plant.

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