

## Newsletter IEA Bioenergy Task 37: 1/2012 Focus USA

### USA starts looking into biogas

According to Nora Goldstein of the American Biogas Council there are currently 171 AD plants in operation in the USA. 12 are centralized/regional systems, the rest being on-farm digesters. Only one so far produces biomethane for vehicle fuel, another feeds the biomethane into the grid. However, there are 324 new projects under planning.

Apart from agricultural biogas there are more than 1500 digesters on WWTP in operation but only 250 uses the gas. The large biogas production comes from landfills. 563 sites are using the produced gas, in 26 landfills gas is upgraded and fed into the pipeline.

Source: Export Workshop of the German Biogas Association (January 2012, Bremen)

### Trash Gas for Trash Trucks

Waste Management Inc. operates Altamont Landfill, one of the largest in California. It runs around the clock, every day, and receives an average of 5,000 tons of garbage each day. The gas is collected, upgraded and liquefied. WM currently produces 13,000 gallons of LBG from the Altamont landfill. They currently operate more than 1'000 trash trucks on liquefied biogas (LBG). In 2011 they did not buy a single diesel truck, all are operated on biogas.

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### Manure to power Indiana dairy farm delivery trucks

Fair Oaks Farms in northwestern Indiana, one of the nation's largest dairy farm cooperatives plans to use manure from its thousands of cows to power a new fleet of milk-delivery trucks. The plans are to have 42 new delivery trucks running on renewable natural gas by early 2012. The fleet will be able to haul more than 300,000 gallons of milk to processing centers in Indiana, Kentucky and Tennessee daily.

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### California's Renewable Fuel and Vehicle Technology Program

In 2011 the California Energy Commission has approved more than \$29 million for projects developing cleaner transportation fuels including two landfill upgrading and LBG projects in the City of Corona (Riverside County) and at the Simi Valley landfill facility in Ventura County. Pixley Biogas is a third project to build a digestion facility in the community of Pixley (Tulare County) that will process more than 36 million gallons of manure from three nearby dairies and produce biogas to be used at the adjacent Calgren Renewable Fuels ethanol biorefinery

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