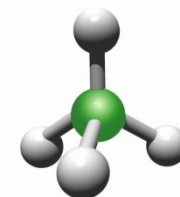


Country Report - Sweden



Anneli Petersson, PhD.
Swedish Gas Centre
Sweden



Statistics...

- 1.3 TWh produced per year
- 233 biogas production plants
- 32 upgrading plants
- 4 sites with biogas grid injection



- 109 filling stations
- 13477 vehicles
- 2006 : 23.7 milj. Nm³ biogas
(20.1 milj. Nm³ natural gas)
- 2007: 23% increase in
volume of sold biogas first
half of 2007

Economics...

Suggested for 2008: 1 milliard SEK (0.1 milliard €) to be used on:

- Increase energy effectivity
- Climate research
- Second generation of biofuels
- Windpower
- Sustainable use of biomass in agricultural and forest industry

- Increased tax on carbon dioxide from petrol and diesel to 0.11 €/kg

- Eco car subsidy 1100 €
- Exemption from congestion tax in Stockholm
- Free parking in many cities
- 20-30% cheaper fuel, no tax on biogas



Some new activities...

E.ON Gas Sweden:

- Process optimization
- Biogas from energy crops
- New upgrading technologies – ecological lung
- Biorefinery
- 300 GWh plant

Brålanda project

- 18 farmscale biogas plants connected by a local gas grid
- Gas to be used as vehicle fuel



Source: Göteborgs Energi

Gothenburg Energy

Upgrading at Arendal started in May 2007

- 60 GWh per year
- LP COOAB
- Capacity: 1600 Nm³/h

Some SGC projects:

- Software for optimization of biogas process
- Pre-treatment with electroporation
- Guide - substrates

2nd Nordic Biogas Conference

5-7 March 2008

Malmö Sweden

Organizing committee



Program overview

- Biogas production in the Nordic countries
- Agricultural biogas production
- Biogas production from waste
- Environmental benefits with biogas
- CHP and other uses
- Biogas upgrading and distribution
- Biogas use as vehicle fuel
- Injection into gas grid



Venue: Hilton Hotel, Malmö, Sweden

Date: 5-7 March 2008

Registration and more information on:

<http://www.nordicbiogas.com>

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