

Everything there is to know about biogas

The program for the European Biomethane Fuel Conference offers something for everyone – practical experience will be presented and evaluated, political prerequisites discussed and visits to biogas plants arranged. For anyone with an interest in the field it is an excellent opportunity to learn more about biogas. Biogas Väst Project Manager Bernt Svensén has more details:

- The conference completes and concludes the four-year Biogasmax project, an integrated EU project in which eight European cities and a total of 28 participating parties – including representatives of trade and industry, academia, and the public sector – have collaborated. Biogas Väst at Business Region Göteborg is one of the parties.

How did you work in the Biogasmax project?

The purpose is to demonstrate the whole biogas chain – from raw materials to production, distribution, construction of filling stations and the use of biogas in vehicles. The French city of Lille, for example, is building a biogas plant that uses household waste while Rome and Bern are demonstrating biogas-powered vehicle fleets. In Sweden we have built up an infrastructure of filling stations – a “Biogas Highway” – between Göteborg and Stockholm. In the natural gas grid in Göteborg we found a cheap, environmentally friendly way of transporting biogas. In addition, research institutes in Germany and Holland have conducted measurements in connection with the various demonstration projects in order to study the effects of biogas on the environment.

What does the program look like for the three days of the conference?

- We have put together a program that captures as many aspects as possible and engaged TV personality Kattis Ahlström as moderator. The political prerequisites for biogas in the European Union will be discussed on day 1. Previously, people just shrugged their shoulders at biogas but now, interestingly enough, politicians are showing great interest in biogas and also coming to understand that it is an area of the future with enormous potential. On day 2, we will be looking at the results of the Biogasmax project and presenting our practical experiences. On days 2 and 3 we will be holding a series of Training Sessions, at which conference delegates will have the opportunity to really penetrate different biogas areas. We will also be arranging study visits to biogas plants in the region, where visitors can see how they work first-hand.

Who are you hoping to see at the conference?

- This is an excellent opportunity to learn more about biogas and we hope that everyone, both companies and actors in the public sector, with an interest in the field, will choose to come. People with international connections who possess both broad competence and deep knowledge will be there. For people who are already active in the sector it will be a good opportunity to exchange experience at the same time as new stakeholders will have the chance to meet people who really know the industry. Contacts are very often crucial to the success of a project, regardless of which industry one is active in. So take advantage of this unique opportunity to meet biogas experts from all over Europe.

The conference will take place in Göteborg from 7th to 9th September.

Study tours- visit facilities and meet companies, three destinations with the choice!

Göteborg

Göteborg Energi upgrades biogas from the Rya Regional WWTP and injects the biomethane into the natural gas grid. The biomethane fuels approximately 5,000 cars and busses at a large number of local CNG filling stations connected to the natural gas grid.

Falköping

Biogas from sewage sludge and household organic waste is upgraded and sold locally at a designated CNG filling station. Göteborg Energi is planning to connect local farms to the existing upgrading facility to enable for biomethane production that reduces CO₂-emissions by 180%.

Borås (Sobacken, waste treatment plant and Biogas production)

The inhabitants of Borås sort their food waste into black sacks and incinerable waste into white sacks. Discover how food waste and waste that comes from the industry is produced into biogas that today supplies buses, garbage trucks and private cars that run on biogas.

Study Tours are organised in cooperation with Ecoex