

Newsletter IEA Bioenergy Task 37: 3/2016

Biomethane and more

European Biogas Association releases Biogas and Biomethane Report 2015

EBA published the fifth edition of this annual statistical report on the European anaerobic digestion industry and markets. The report reflects the record-high growth in the number of plants and production in Europe. The report states that there were 17.240 biogas plants (up from 10.433 reported plants in 2010), with a total installed capacity of 8.293 MW, in Europe at the end of 2014 representing a 18% growth.. The rise in the number of plants hasn't been evenly distributed throughout all European countries. While UK doubled the number of its biogas plants in one year, other countries soared including e.g. Austria, Czech Republic and Hungary. National associations and third-party observers quantify the total amount of electricity produced from biogas at 63.3 terawatt-hours (TWh), which corresponds to the annual consumption of 14.6 million European households. A steady increase was also documented in the biomethane sector with 87 new biogas upgrading units commissioned bringing it to a total of 367 plants. The 367 biomethane plants have a total upgrading capacity of 310.000 cubic meters per hour of raw biogas. According to EBA's findings, Sweden dedicated 78 percent of its 1.303 GWh production to fuel almost 50.000 vehicles.

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FABbiogas project wraps up and publishes a number of reports

The Food and Beverage biogas (FABbiogas) EU-funded project is coming to an end after 30 months. As a result, the great amount of deliverables that have been produced includes a handbook with the anaerobic digestion solutions recommended for various types of waste streams, current and potential plants capacities, opportunities and challenges published in Czech, Polish, German, French and English. Another brochure containing general information on the project has also been translated into all the above languages, plus Italian. The project has published as well an International Report on the Assessment of Biogas Production from FAB Industry Waste in Partner Countries. Other deliverables include maps of Waste Biogas Plants, Waste Streams of the Food and Beverage Industry, and a series of factsheets to illustrate Best Practice Examples of Biogas Production from Food and Beverage Waste in Poland, Austria, Germany, France and Czech Republic.

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Finnish CBG statistics - Highest environmental quality with lowest price

Statistics of production and consumption of biogas for transportation applications in Finland during 2014 showed a continued increase up to 17 GWh. The environmental quality of biogas was high because it was entirely produced from waste meaning that all CBG is eligible for double counting. It has been used only as 100 % compressed biogas, i.e. blends with fossil methane have never been available in the Finnish market.

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