



GBA

Czech Biogas Association

National technology platform

Czech Biogas Association (CzBA) was founded in January 2007 as a national technology platform in the field of biogas production and utilization, which brings together all the interested parties in this branch of renewable energy production.

CzBA associates members coming from academic and independent R&D institutions, companies (technology suppliers, services, and consultancy), biogas plant investors and operators, and also non-profit organizations. The association is steered by a five member executive board. The executive board is elected by a general assembly of **CzBA** members for a period of two years.

The **Czech Biogas Association** consists of three working groups. R&D and Technologies are the first two sections dealing with technical issues. Organization section is then responsible for or-

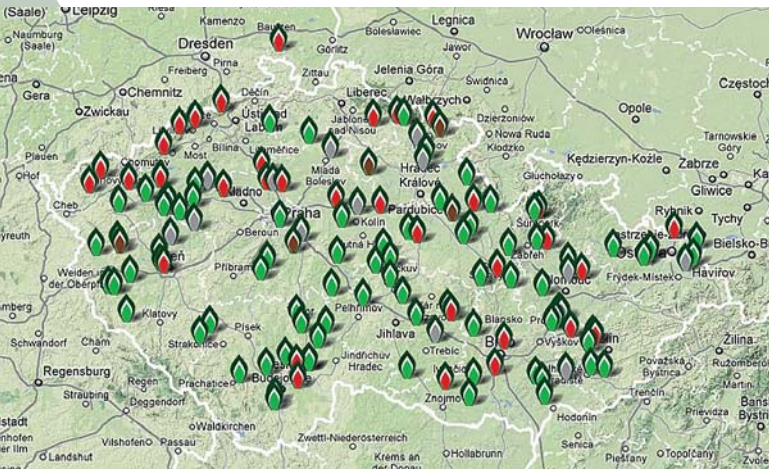
ganising two annual conferences, international affairs, national policy and regulation consultancy and lobbying, and for management of the national and international grants and projects. The association leads one national grant and is involved in the IEE international project developing CNG and biomethane as a transportation fuel (GasHighWay).

CzBA offers independent and comprehensive services for all the kinds of biogas plant investors, operators, or plant suppliers in order to achieve its main and ultimate goal – to gain and to support the biogas community.

The support for biogas in the Czech Republic is based on the Renewable Energy Act 180/2005 and accomplished in three steps including 1) priority connection; 2) fixed connection fee, based on the installed power; 3) ‘feed-in tariffs’ and ‘green bonuses’. Green bonuses allow investors to sell electricity at the market and motivate them to actively trade with their product. The level of the tariffs and bonuses is annually updated by the Energy Regulatory Office, the control authority of the entire energy grids sector. The support currently includes only the electricity production.

The first ‘classical’ agricultural biogas plant in the Czech Republic started up in May 2007. Current biogas installed power (stand on 01/11/2009) is 93.39 MW in 209 power plants (note: wastewater treatment plants are included, accounting for 17 MW and 60 plants).



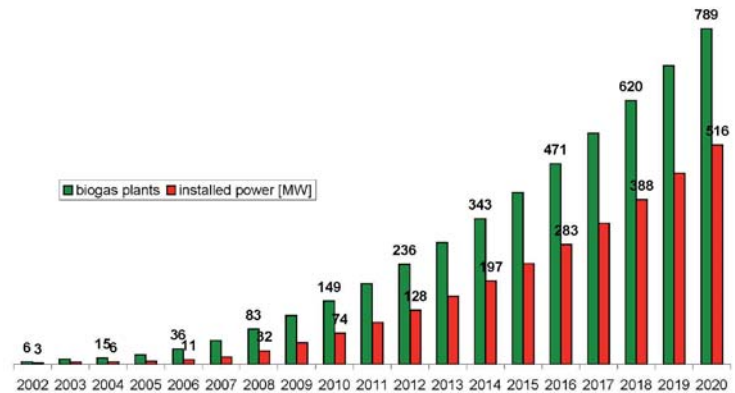


Biogas production in the Czech Republic

Source: <http://www.czba.cz>, 30. 11. 2009

The total estimated agricultural biogas potential in the Czech Republic is 500 MW, or about 2 billions standard cubic metres of biogas per year. There is also a great potential in biomethane production. This highly efficient, energy dense and environmentally friendly fuel can take an advantage of highly developed natural gas grid. The biomethane production is expected to reach 20% of the total estimated biogas production.

The major challenges **CzBA** successfully faces ranges from basic administrative barriers, or establishing of common operational standards, to the work on sustainable energy crops issues,



Biogas production market expectations in the Czech Republic

digestate registration and trade, and soil protection. **CzBA** considers very important to synchronise all these topics with the European trends. This is the only way to the successful development of cross border projects and cooperation in the future.

In the field of technology and policy **CzBA** focuses on development of biomethane as the only fully renewable and sustainable natural gas substitution for general use in gas grids as well as a highly efficient transportation fuel.

More at www.czba.cz



GBA

Czech Biogas Association

- intermediation of information about the market in the Czech Republic
- legislative, technical and economic consulting
- partnership in the field of development, research and innovations
- technological transfer, intermediation of investments
- consulting while acquiring the supporting means
- access to the public administration and Public Relations

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