

Media release, 2 June, 2015

HZI BioMethan hands over biogas upgrading plant in Heinfelde to client

First plant completed under new owner commences operations

The biogas upgrading plant constructed by Hitachi Zosen Inova BioMethan in Heinfelde has been successfully commissioned. With the biomethane produced being injected into the natural gas network, this project will benefit the entire region.

With the completion of the biogas upgrading plant in Heinfelde in the German state of Lower Saxony, Hitachi Zosen Inova BioMethan GmbH (HZI BioMethan) has added a further successfully concluded project to its portfolio. Since the beginning of this year, HZI BioMethan has been part of the Hitachi Zosen Inova Group (HZI). Since the takeover, the firm has been able to call on the expertise of its Zurich-based parent company in addition to its established workforce of around 40 biomethane specialists in the fields of engineering and manufacturing. The Heinfelde plant is thus the first project to be commissioned under the new owners. The result is a state-of-the-art, efficient upgrading facility that will produce biomethane, which will in turn be fed into the natural gas grid and used in future to supply households and businesses as a replacement for fossil gas and as a fuel for mobility.

Competence the decisive factor in securing the order

The client for the project in Heinfelde is ASVK Zweite Energien GmbH & CO KG, which had already realized an upgrading plant with HZI BioMethan in the past. "The team at HZI BioMethan impressed us before with their professionalism and their experience in the construction of a biogas upgrading plant," said Project Developer Cord Aschenbeck in explaining their choice of service provider. "It was important for us to have an expert partner on board again for the plant in Heinfelde. Furthermore we are convinced of the high class technology as well as the broad spectrum of services – today with a strong parent company supporting the experts of the established BioMethan team." They were also won over by the extensive know-how, with HZI BioMethan also offering engineering, renovation of existing facilities and a comprehensive array of services in addition to plant construction.

Top biomethane quality for regional natural gas grid

The Heinfelde plant has the capacity up to an upgrade of 1,000 Nm³/h of raw biogas, producing a maximum of more than 500 Nm³ of biomethane per hour using pressureless amine scrubbing. Thanks to the high quality of this biomethane, it will be possible to inject it completely into the gas network of EWE NETZ GmbH.

On May 18, 2015, the plant successfully produced its first gas that was injected into the gas network. The changeover to automatic operation is scheduled for July 2015.

About HZI BioMethan GmbH:

HZI subsidiary Hitachi Zosen Inova Deutschland GmbH and the liquidator Dr. Gideon Böhm from the law firm Münzel & Böhm Partnerschaftsgesellschaft GmbH concluded an agreement on an asset deal in respect of the acquisition of MT-BioMethan GmbH in February 2015. The acquired assets and the employee relationships were transferred to the new owner as of March 2015. Hitachi Zosen Inova BioMethan GmbH delivers gas upgrading plants, and now has more than 40 reference projects.

To find out more about HZI and HZI BioMethan, please visit. www.hzi-biomethan.com

About Hitachi Zosen Inova AG:

Zurich-based Hitachi Zosen Inova (HZI) is a global leader in energy from waste (EfW), operating as part of the Hitachi Zosen Corporation Group. Formed from the former Von Roll Inova, HZI acts as an engineering, procurement and construction (EPC) contractor delivering complete turnkey plants and system solutions for thermal and biological EfW recovery. HZI's innovative and reliable waste and flue gas treatment solutions have been part of some 570 reference projects delivered since 1933. www.hz-inova.com

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