

# HAASE BiogasUpgrader

**Refinement of 650m<sup>3</sup>/h  
raw biogas to biomethane  
in Ronnenberg (Hanover)**



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*Certified acc. to  
DIN EN ISO 9001 : 2000*

<b>Project</b>	Refinement of raw biogas to biomethane (bio natural gas) for the supply into the local natural gas distribution system acc. to the requirements of the DVGW worksheet G260 Customer: enercity (Stadtwerke Hannover); Year of construction 2008
<b>Procedure</b>	HAASE BiogasUpgrader Organic physical scrubbing at approx. 7 bar (gauge) Continuous regeneration of the organic liquid detergent
<b>Capacity</b>	650m <sup>3</sup> /h of raw biogas Upgrading of the methane content acc. to calorific value specification Feed of 2.4 million m <sup>3</sup> of biomethane (bio natural gas) per year Hydrogen sulphide < 5mg/m <sup>3</sup> Methane slip < 2% (retrofitable to zero-methane-concept by HAASE VocsiBox®)
<b>Operation</b>	Grid injection since 2008