TAILORED SYSTEMS THAT USE OUR OWN TECHNOLOGY

OUR UNIQUE gas collection system is based on our own technology, combining specially developed components and subsystems to create complete systems. Our solutions encompass collectors and piping, as well as control systems, coding systems and all necessary peripheral equipment. The gas collection systems supply the biogas as fuel to the gas engines, gas turbines and gas boilers that generate electricity and heat. The systems are installed at the landfill site and all instrumentation and hardware are incorporated in a gas pumping station.

WORKING FOR A BETTER FUTURE

OUR NEED FOR ENERGY is undoubtedly one of the main factors that affect our environment today. Researchers around the world are struggling with the question of where our future energy should come from and how we can make it go further by using new technology and improvements in efficiency. BIOGAS SYSTEMS develops solutions that make use of gas from landfill sites. Using independently developed technology we can turn environmentally harmful gases into green energy, thereby generating heat and electricity. This is a smart, complete solution that turns a difficult environmental problem into a lasting source of income.

ENVIRONMENTAL SOLUTIONS THAT WIN IN THE LONG TERM
BIOGAS SYSTEMS develops environmentally sound and financially profitable solutions for energy and biogas.

We take a complete approach to the whole process, from analysis, design and engineering, to manufacturing and installation of turnkey plants. A key part of what we offer is a unique gas collection system for landfill sites. Using technology developed by us, harmful methane gas from the decomposition process is turned into green energy that can be used to generate electricity or provide heating. This is a smart, complete solution that converts a difficult environment problem into a lasting and sustainable source of income – in a single process.

BIOGAS SYSTEMS turns challenging landfill sites into valuable resources. We have developed a technology that converts harmful gases into natural energy. This is a complete solution that transforms what was a difficult environmental problem into a lasting and ecologically sustainable source of income.

BIOGAS SYSTEMS can offer a wide range of services.

- Design
- Montage/Bearbetning
- Elektronics
- Service
- Engineering/assembly
- Construction
- Service
- Energy
- Clean air
- Healthy environment

Our customers are mainly found in the energy sector and among municipal and independent waste management companies. We are currently active throughout Scandinavia and in parts of Europe and North Africa. But management of landfill gas is a global issue, and we are fully committed to expanding our geographic coverage. Our goal is to gradually extend our expertise and our systems to other parts of the world as well.
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BIOGAS SYSTEMS  
601 355 777  info@bio-gas.com  www.bio-gas.com

BIOGAS YIELDS RENEWABLE ENERGY 
Biogas is produced when organic matter is broken down in the absence of oxygen. This decomposition process takes place continuously every day, for example when household food waste is degraded by microorganisms, or when sludge undergoes digestion at a wastewater treatment plant. These processes provide a renewable source of energy in the form of a gas that mainly consists of methane and carbon dioxide. This biogas can be used as a vehicle fuel, or to generate electricity and heat.

TURN LANDFILLS INTO A VALUABLE RESOURCE 
Modern landfill sites have very little in common with the refuse tips of an earlier age, when waste was dumped in a heap and there were no environmental restrictions. EU-wide legal requirements now require sophisticated systems to prevent harmful substances from being emitted and dispersed into the surroundings. Proactive landfill owners now also install gas recovery equipment to collect the gas produced by landfill sites. With the aid of such systems, the environmental problem posed by harmful gases leaking into the atmosphere and accelerating the greenhouse effect can be turned into a valuable resource for producing electricity and heat.

At BIOGAS SYSTEMS we have developed a technology that converts these harmful gases into usable energy. This is a complete solution that transforms what was a difficult environmental problem into a lasting and ecologically sustainable source of income.

FULL CONTROL OVER THE WHOLE PROCESS
HERE AT BIOGAS SYSTEMS, the whole process is important to us. We like to be involved at an early stage so that we can work closely with the customer to develop solutions that maximise the environmental benefit and your financial return.

FROM START TO FINISH
Our work often starts at the drawing board. Most of our solutions are tailored to the specific requirements of the installation.

We have our own machining facilities and install the necessary electronics on location. The ability to do everything under the same roof gives us advantages. It allows us to make changes quickly and easily during the project, and adapt component to match specific requirements.

While the gas station is being manufactured we carry out the necessary construction work on the landfill site. When the gas station is delivered, everything is already prepared for quick and easy connection of the gas collection system. Our involvement does not end with final delivery. We are on hand throughout the life of the plant to provide the ongoing service and support that are needed for effective operation.

WE AIM TO REACH AROUND THE WORLD
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Energy
Clean
air
Healthy
environment
TURN AN ENVIRONMENTAL PROBLEM INTO A SOURCE OF INCOME

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BIODIGESTION REVEALS RENEWABLE ENERGY

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**WORKING FOR A BETTER FUTURE**

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www.biogassystems.se
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