



Biogas Systems

| What is biogas?



Farmers are ideal producers of biogas as they have the greatest quantity of biomass readily available to them. Biogas is not simply the product of a metabolic process but also potential capital. Yes, it's even possible to earn money from biogas!



When oxygen is excluded from decomposing organic substances (anaerobic decomposition) gas biogas is produced, consisting of methane, carbon dioxide, nitrogen and other trace gases. Biogas can be used as it is for heating or in a combined heat and power plant (CHP plant) to produce both electricity and heat.

It is thus possible to produce your own heat and make considerable reductions in your energy costs, and by doing so you will save money.

The electricity that you produce is fed into the public energy network. The payments that you receive for this are guaranteed by law for the next 20 years. Where else can you get a fixed income for at least 20 years?

Having your own biogas system will therefore also mean that you are no longer dependent on market fluctuations in agricultural products.

Invest in a secure future.



| How economic is biogas?



We do not regard ourselves simply as the company that carries out the building work. Rather, we are interested in long-term co-operation. We can only do this if, as a company, we put the biogas system on a sure foundation and for us that includes a non-binding consultation as the first step.

Part of the consultation will consist of our taking a look at your local situation. We will visit you at your farm so that we can make an exact record on site of all the necessary information, such as set-up costs and any available material that can be used for the installation.

We will then calculate the cost-effectiveness of your biogas system on the basis of this data. This calculation includes all the relevant figures (e.g. amount to be invested, anticipated profit, etc) and is presented in the form of a comprehensive report for you and your financing bank.



| Planned to suit your requirements.

Every cleangas biogas system is made to measure and tailored exactly to your needs and options.

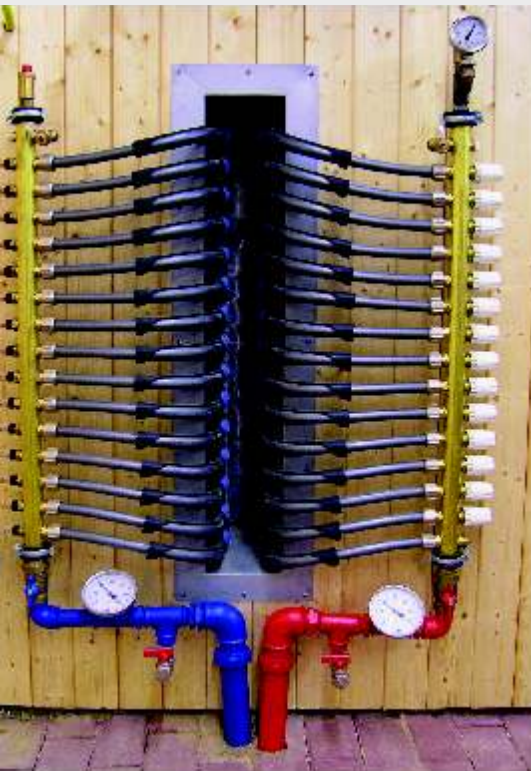
It goes without saying that our comprehensive Carefree Package includes drawing up the construction schedule as well as obtaining the necessary permits.

As a result of the close working relationships between our planning engineers and all the employees involved in the construction work, we can keep the construction period to a minimum, and this also saves everyone involved not just a great deal of time but also money.

Depending on the size of the biogas system, the building work takes between three and six months, with the result that you won't have to wait long before it starts earning you money.

The financing has to be just as carefully tailored to your needs as the biogas system. We can help you with the financial planning, and (if you wish) we can also support you in discussions with potential financiers.

Good planning reliable income.



| Solidly built



At this point we'd like to show you what we're capable of and what has already inspired many customers. Because we plan your biogas system down to the last detail before we start applying for the necessary permits, nothing else can stand in the way of a rapid and smooth construction phase.

Buying a cleangas biogas system means acquiring a product of the highest quality. With our products you get sophisticated system solutions which are safe, ready to run as soon as they are handed over and designed for long-term operation.



It goes without saying that you will also be given full training, and we will be on hand to help you for a few days as you start up your biogas system.

We will train you and your employees in managing it professionally. You'll soon see that operating a cleangas biogas system is just as easy as riding a bicycle.



Index

Art der Änderung

cleangas
Biogasanlagen

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Blatt Nr.: GF 002

The combined heat and power unit



The combined heat and power units are specially adapted to the operation of our cleangas biogas systems and we manufacture them ourselves. Top quality made in Germany.

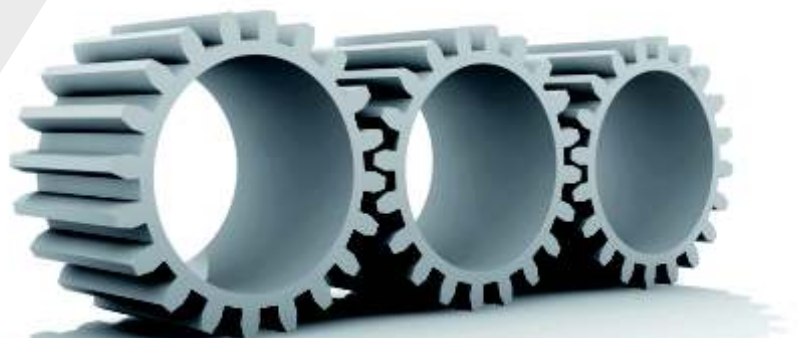
We use the very latest in technology in our combined heat and power units, as in all our products. And this top quality technology is installed and serviced only by our own qualified engineers, who all undergo regular training.



cleangas combined heat and power units are known for their durability and very high level of efficiency.

The crucial factor is that we are the people who manufacture both the biogas systems and the combined heat and power units, thereby ensuring that each of the central components of the biogas production system is tailored to the other in every respect, with the result that the biogas system achieves maximum efficiency.

This high degree of cost-effectiveness begins to pay for itself from the very first day.



| Our services



Even after you have started operating your biogas system, we are only a phone call away from you 365 days a year!

With our Carefree Package you get more than a promise. The Carefree Package means that everything comes from a single source: us. There's no referral of responsibilities (e.g. for guarantees) from one company to another.

With cleangas you have your own project supervisor from the start. Your project supervisor will support you from the very first visit to your farm, through the start-up of the system to customer care. It takes just one phone call to your project supervisor for our engineers to respond personally to your questions about operation, maintenance and servicing.

Our Carefree Package also includes the full technical supervision of your biogas system by our engineers on your behalf.

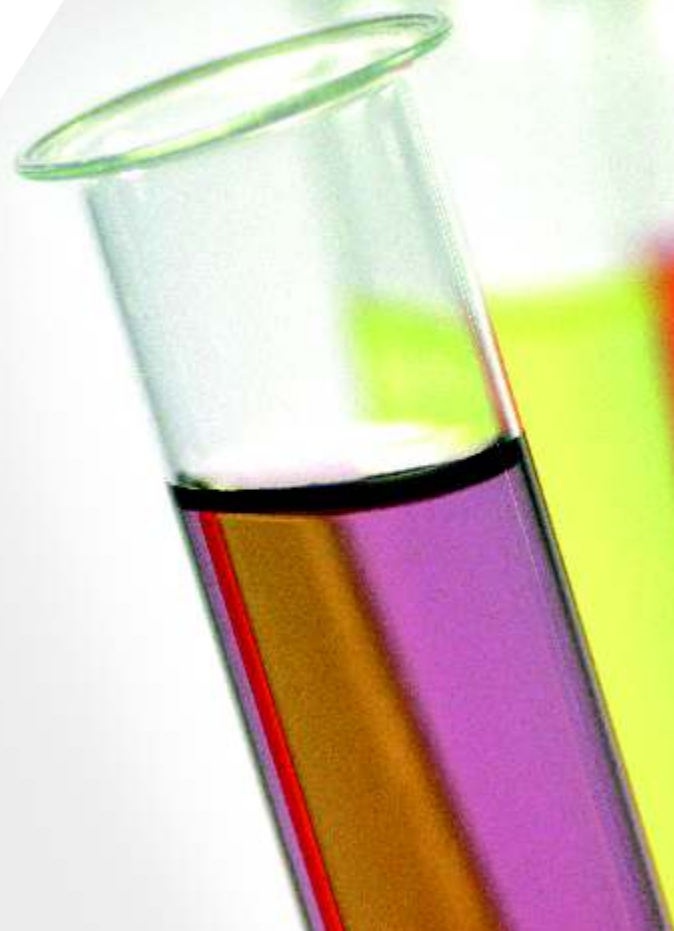
Here, having the latest high-tech features help us to help you quickly. We can also dial up the system directly by remote access, monitor it and carry out emergency maintenance remotely, without bothering you.



One very important point is that the biological processes need to be monitored at regular, fixed intervals, and this too is included in our Carefree Package. This monitoring of the biological process serves as a check of the parameters

that are responsible for the fermentation process and thus maximises the performance.

As a result, we can guarantee you the maximum income from your biogas system.





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