

# Your partner for a secure investment in biogas —every step of the way

Swedish Biogas International strives for sustainable development by developing, operating and owning biogas production plants on a global market.

We provide local solutions to global problems.

Biogas—pure energy for  
a sustainable society



# You need energy

We can provide you with a new, eco-friendly energy source.

With Swedish Biogas International as a partner you can produce eco-friendly biogas for use as vehicle fuel, electricity production or heating. Swedish Biogas International offers extensive, in-depth expertise in biogas production.

Efficient and environmentally friendly  
We need energy in all kinds of areas in towns, industry and our private lives. At the same time, we need to move away from fossil and finite energy sources which contribute to the greenhouse effect and to increasing environmental problems worldwide.

Many human and industrial activities generate a large amount of organic waste, which needs to be dealt with hygienically and efficiently. Swedish Biogas International offers total, reliable process and production solutions for generating energy from waste.

## Valuable energy source

In the biogas plants we plan and design, the residual products from agriculture and waste management, for example, along with green substrates from agriculture, are converted into a valuable energy source—biogas. The biogas is used with the utmost environmental consideration, and is a safe and efficient way of processing waste products and refining local raw materials.

## Many years of experience

Swedish Biogas International has many years' experience of efficient large-scale biogas production. The first large plant achieved full production in 1996 in the Swedish city of Linköping, and provides vehicle gas for 70 local buses. The results have been so positive that there are plans to introduce biogas buses not only in the inner city, but throughout the entire region of Linköping.

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# We're with you every step of the way

From raw material to high-value biogas energy.

Swedish Biogas International is your business partner for designing and developing biogas plants for safe, profitable and eco-friendly energy production.

We represent extensive knowledge of the entire process, from processing waste and other raw materials to refinement and delivery of the final product. Swedish Biogas International offers total process and production solutions for biogas plants.



## Well-defined business process

We begin our collaboration with an in-depth preliminary study of the needs and demand on your local market. We look into the availability of usable raw materials. Swedish Biogas International plans and designs your production plant. In close partnership with qualified manufacturers, we establish the production plant and adapt it to your needs. From there we move on to full-scale production and delivery of biogas.

## Different forms of partnership

Swedish Biogas International can offer various models for the partnership, and for final ownership and operation of the plant.

- Swedish Biogas International plans and project manages the establishment and development of biogas plants
- Swedish Biogas International operates and develops biogas plants with profit-sharing
- Swedish Biogas International owns and operates biogas plants

# Biogas, the energy source of the future—today



We have long practical experience of biogas production from organic industrial waste, sewage sludge and other biological raw materials.

# Biogas is natural energy

An efficient energy source that is part of a natural eco-cycle.

Biogas is methane produced from renewable organic raw materials. The gas is part of a natural eco-cycle and, therefore, there are no net emissions of carbon dioxide into the atmosphere. The production and use of biogas as an energy source represent an efficient use of resources with minimum environmental impact.

## Industrial biogas production

At Swedish Biogas International we have many years' experience of full-scale industrial biogas production. With Swedish Biogas International as a partner you can produce eco-friendly biogas for use as vehicle fuel, or in electricity production or heating.

With our knowledge and experience, you can use many of the resources that often become waste—residual products from agriculture and the food industry, kitchen waste and sewage sludge. Other raw materials might include locally produced biogas crops and manure.

## Natural process

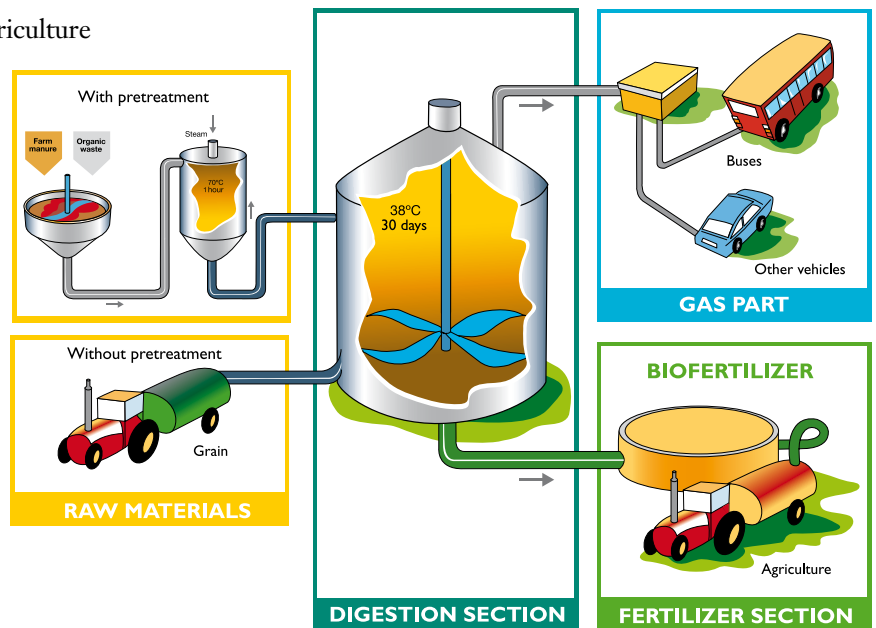
In the production plants we design and build, the biogas is produced in a completely

natural process. The raw material is digested in oxygen-free tanks, where highly specialised micro-organisms convert the organic material into biogas.

This process occurs everywhere in nature, but in our production plants it is completely controlled. We can therefore harness the valuable energy and nutrients from the organic material.

## Fertiliser

Once the biogas has been harnessed for energy production, yet another valuable product remains—an easy-to-handle, hygienic, nutritious fertiliser for farming. This ensures the nutrients are returned to the land, reducing the need for energy-demanding fertilisers.





# Swedish Biogas

I N T E R N A T I O N A L



Metamorfos (Metamorphosis), by Monica Gora, is a 36 m<sup>2</sup> sculpture made of stainless steel, with an original flat area of 55 m<sup>2</sup>. Metamorfos was unveiled on 10 August 2005 in Linköping. The brief was to portray biogas in a way that conveys a sense of environment, energy, communication and other important concepts.