



# Biogas Systems

– supplier of innovative products and solutions

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Our ambition is to  
develop quality solutions  
that create value for our  
customers.



# Danish produced quality since 1968

– Since Tunetanken was founded in 1968, customers have been at the center of our business. With a constant focus on quality and innovation, we create efficient and safe solutions for our customers.

With more than 50 year of experience working with fiberglass reinforced composite materials and their unique advantages, we have developed a broad standard product programme, as well as, secured our market position as the leading Danish manufacturer of tanks, silos and products for biogas sector in fiber-reinforced composite.

Our employees are experts in fiber-reinforced composite materials and their unique properties, but it is in collaboration with our customers that we create the most valuable solutions. Our costumers' needs are, therefore, integrated into the whole process from idea generation, development and production to assembly and service, so that every product is customised to its specific use. Therefore, our broad product programme ensures safe and efficient operating conditions in our customers' working environment.

## Focus on development

At Tunetanken we prioritise development, as it is important that our solutions are useful today and in the future. Future-proofing of our products provides extra security for our customers' investments. That's why, quality and product development have always been and still are crucial for our success.

With our production located in Denmark we have the full control over the development process and, therefore, are able to ensure that all our solutions are manufactured according to our high demands for quality and functionality.

## A strong player

All Tunetanken solutions are manufactured in robust fiber-reinforced composite materials, e.g. fiberglass reinforced polyester and vinyl ester. All products are designed to

complement unique material properties in order to achieve utmost benefits, such as extreme strength, corrosion resistance and minimal maintenance. This combination of unique properties not only makes our products suitable for storage and transportation of many different medias, but also secures long service life even in difficult conditions such as contact with corrosive liquids or exposure to high temperatures.

## Endless opportunities

Since operations, production machinery and operational challenges are different from company to company the same product cannot always cover the same needs. With our flexible materials we have the necessary design freedom to adapt customised solutions in order to meet specific costumers' needs regarding functionality and design. This design freedom, together with our experience from many different industries, enables us to handle most special assignments, which have become a natural extension of our product range.

With our great technical expertise, durable fiber reinforced composite materials and innovative solutions, Tunetanken is your guarantee for Danish-made quality developed to optimise your operating conditions today and in the future.



Tunetanken - Vejen



# Large product range with a focus on sustainability

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For many years now, Tunetanken has been focused on the environment through sustainable production, benefitting customers in a large and varied product range for the biogas sector.

Tunetanken is an important player in the Danish market supplying fiber-reinforced composite products for the biogas sector, but the foreign demand for Danish quality products is increasing. Especially when it comes to the Scandinavian and the neighbouring countries like Germany or Netherlands, where the need for durable, corrosion-free products made of fiber-reinforced composite material is growing.

## Large product programmes

Tunetanken is much more than silos and tanks. Development and presentation of our large and broad-founded product programmes allow customers to have their needs for high-quality products and solutions met.

Our capacity within product development and optimisation is, therefore, significantly increasing nationally as well as internationally.

## We value the environment

For Tunetanken it is important that production has a minimal impact on the environment.

We maintain a persistent focus on utilising resources efficiently and for as long as possible. We are equally focused on reducing our carbon footprint by prioritising high recyclability and sustainable production.



## Life Cycle

Optimal technical properties of composite materials, such as corrosion resistance, chemical resistance, high strength, flexibility and weather resistance ensure an extremely long service cycle compared to conventional materials, thus providing large environmental and economic benefits.

## Operation and maintenance

Composite materials' unique durability, minimal requirements for operation and maintenance as well as the consequently low consumption of resources, contribute greatly to the environmental protection and the economical advantage of the composite products.

## Recycling and upcycling

Our customers can return their obsolete Tunetanken products, and we, in turn, reuse old materials to manufacture new products; as an incorporation into new products; as a replacement fuel; for recycling, etc.

By using recycled material, roughly similar and often even better properties are obtained in relation to new materials.

If materials are not recyclable they can re-enter nature's cycle through decomposition.

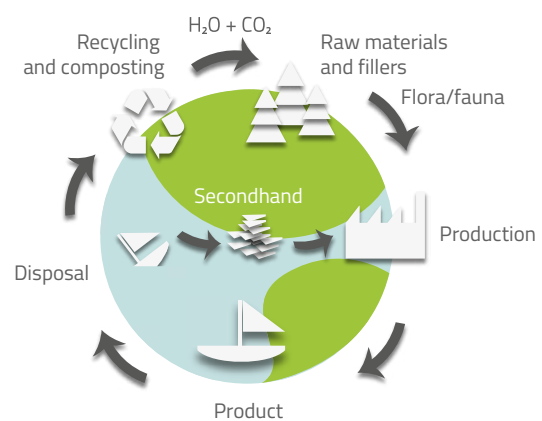
We buy used composite products e.g. silos and tanks, of our own as well as of other manufacturers' production; whereafter we renovate and sell these as recycled products.

## Together we help the environment

Environmentally friendly production is important for us. Our customers contribute to the recycling system by paying an environmental fee when purchasing our products.

An environmentally friendly production with minimal energy consumption for production, transportation, assembly and maintenance as well as recyclable products with a long life-cycle, is a sustainable production.

Tunetanken's production and products can, therefore, with delight be declared very environmentally friendly.





# More than silos and tanks

Tunetanken carries a large and broad-founded product programme for biogas sector.

Overground Tanks



Underground Tanks



Silos



Covers



Odour and Air Purification



Scrubber Systems



Chimneys



Chemical Facilities



Aeration Systems



Ventilation



Smoke and Air Ducts



Pumping Stations



### Pumps and Agitators



### Pipe Systems



### Biogas Treatment Facilities



### Wastewater Products



### Water and Drainage



### Water purification



### Extra Equipment



### Crew and Installation Buildings



### Grates



### Profiles



### Overlays and Coatings



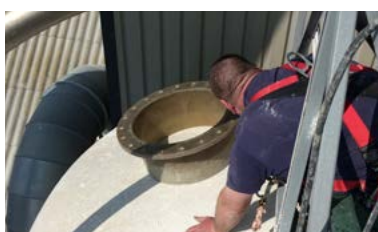
### Chemical Tank Inspection



### Condition Assessments



### Renovations



### Services





## Tunetanken

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With more than 50 years of experience working with fiber-reinforced composite materials, their unique advantages and a large standard product programme we have developed our market position as the leading Danish manufacturer of storage tanks, industry systems and silos in composite materials.

Tunetanken markets a large and varied programme of products and facilities for various purposes as well as supplies a large range of industries including agriculture, industry, wastewater and water treatment for energy sector. We produce all our solutions in fiber-reinforced composite materials – the same materials that are used in the manufacturing of space shuttles, air planes and wind mills. With benefits as strength, corrosion resistance and long life cycle, composites are among the popular materials of the future.



## Energy

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Effective and reliable solutions within the energy sector for a broad variety of purposes. With more than 50 years of experience we are able to deliver tailored solutions, such as scrubbers, chimneys, smoke and air ducts, wood pellet silos as well as cleaning facilities for dangerous flue gasses.

Each product is specially adapted to the specific use. That is why our tanks, silos, industry systems, modular tanks, scrubbers, smoke and air ducts, chimneys etc. create safer and more effective operating conditions for our customers.

Modern composite materials are materials of the future. Their innovative and unmatched properties contribute largely to the development of new sustainable products, which are necessary for a sustainable future.



## Composit

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Composite is derived from the Latin word »componere«.

Composite materials are made by combining two or more materials (physically, not chemically), thereby creating a new material with specially intended and superior properties.

Technical properties of composite materials derive from the initial qualities and properties of the combined materials, the combination of the fabrics (matrix, reinforcement, hardener, additives), as well as, the production processes and conditions.

Possibilities are endless!