

Nordic Storage explains how the storing of biofuels has grown in importance over recent years in a wide-ranging interview with *Biofuels International*



What's in storage?

Nordic Storage is part of HG Storage International Limited (HGSI). Can you tell us more about HGSI and Nordic Storage?

HG Storage International Limited (HG) is a global portfolio of high-calibre gas and liquid petroleum products storage and logistics businesses located in strategic trading hubs. The terminals offer the reliable receipt, storage, and distribution of products. HGSI is committed to continuously focus on and develop the approach to sustainability. With eight terminals across five continents, HGSI has over 3 million m³ of storage capacity and Nordic Storage AB accounts for a third of the total capacity with over 1 million m³. This makes the firm one of the largest bulk liquid storage companies in Scandinavia. Nordic Storage owns and operates terminals in Scandinavia, located in Sweden and Denmark. All our terminals are strategically situated along

the Baltic Sea and the Danish straits. Nordic Storage has extensive experience and knowledge in handling and storing various products, including biofuels and renewables. We are intensifying our efforts towards more sustainable business areas and are looking to develop the company further with a clear sustainability ambition.

Can you tell us more about your services?

Nordic Storage offer a complete storage solution tailored in cooperation with our customers to meet their specific needs for both short and longer term contracts. Our large network and good relations with authorities and other stakeholders enable us to find the best possible solutions regarding storage locations, facilities, and services. Through trust and reliability, as well as experience and knowledge, we aim to be a proactive storage partner creating added value for our customers. We offer a

24/7 service and our dedicated team have experience and knowledge regarding safety, environmental awareness and enables our operations to be safe, reliable and responsible every day, every week, every month, and every year. We ensure that required permits are acquired and maintained for the handling and storage of our customers products and we also have customs and tax warehouse permits and offer related services.

Which of your Scandinavian terminals are most suitable for storage of various biofuels?

Among our eight terminals in Sweden and Denmark, Gothenburg and Malmö stand out currently as the most suitable for storage of biofuels due to their geographic location and technical capabilities. The future will, however, show where customers, natural assets, or other circumstances make projects and future assets best located to serve its purpose. We have terminals that in most cases

can be adapted for handling a variety of products.

The Nordic Storage terminal in the Port of Gothenburg

The Port of Gothenburg, the largest port in Scandinavia, is strategically located on the west coast of Sweden. The Port is ice-free all year round and has close proximity to the open sea and easy access to Scandinavia, the Baltic Region and the North Sea / Atlantic.

The port works actively and long-term to minimise the environmental impact of shipping and land and contribute to sustainable transport. Offering discount on the port tariff for vessels that report good environmental performance and providing onshore power supply at berth resulting in significant environmental gains.

In Gothenburg, Nordic Storage owns a total storage capacity of 344,000 m³ divided among three terminals. The terminals have direct

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pipeline connections to three refineries which open up good opportunities for local trading. With modern equipment and experienced personnel, we offer safe, reliable, and responsible handling for a wide range of products including middle distillates, fuel oil, renewables, HVO and biofuels. Product can be delivered from/to vessels, barges, pipeline, and tank trucks. The terminal also has an automatic tank truck loading facility.

- Total capacity of 344,000 m³
- 13 tanks and three caverns
- Storage capacity ranges from over 300 m³ to 100,000 m³
- Products that can be stored on short notice are middle distillates, fuel oil, renewables, HVO, biofuels
- Heating and mixing capabilities
- Three jetties and three barge jetties
- Vessel restrictions maximum (LOA) 255 m, max beam 47 m and maximum draft 12.5 m
- Automatic tank truck loading facility
- Tax and customs warehouse

The Nordic Storage terminal in the Copenhagen Malmö Port (CMP)

Copenhagen Malmö Port has the largest bulk liquid terminals in the Oresund region. Our terminal is situated in Malmö, an ideal location for handling and storage of transit products where import and export are oriented towards international and regional markets. The Oresund region also acts as an important bunker station for the large number of vessels passing by. The surrounding infrastructure for road and rail traffic is very well developed. This ensures that transport reaches its

final destination in an efficient and sustainable manner.

Our terminal in Malmö consists of 15 tanks with tank sizes ranging from just under 1,000 up to 20,000 m³.

Product can be delivered from/to vessels, barges, pipeline, and tank trucks. The terminal has an automatic tank truck loading facility.

- Total capacity of 81 000 m³
- 15 tanks
- Storage capacity ranges from over 1,000 m³ to 20,000 m³
- Products that can be stored on short notice are middle distillates, fuel oil, renewables, HVO, biofuels
- Heating and mixing capabilities
- Two jetties for vessels and barges
- LOA 250 m, max beam 45 m, maximum draft 12.5 m
- Automatic tank truck loading facility
- Tax and customs warehouse

What can Nordic Storage and the other companies within the group contribute to the biofuels industry?

HG Storage International Limited and Nordic Storage follow the progress of

the biofuels market with excitement and with more new biofuels and feed stocks being developed we want to offer our expertise in the solutions for handling and storage.

We are looking for further participations in long and short term development programs as we see a great synergy in being part of the supply chain from the start during the early discussions /pre studies/ pilot studies that are being conducted, ensuring the correct solutions for storage and handling are chosen in each specific market. We want to contribute with our knowledge of the storage aspect in the supply chain and are happy to participate in projects where our competence is relevant.

As a storage company/group some of our terminals around the world can receive and store a range of biofuels today. New products, new qualities and specifications, products and various types of feed stocks, will require adaption of permits and equipment before being handled and stored. We understand the process and look forward to the project.

Being part from the start can accelerate the process of adapting storage capacity for new qualities of biofuels and feed stocks.

We can within the group offer international project partners and customers the presence in five continents including regions such as Scandinavia and ARA, southern Africa, middle and south America and middle east. Further development on new markets are always interesting and projects could be arranged in various ways including fixed price/risk/profit sharing depending on size, technology and market. We want to offer as sustainable and green storage as possible, through all stages, contributing to the ongoing energy transition from fossil-based fuels to a more “zero-carbon based world”.

Nordic Storage and HGSI have come a way preparing for the shift from storing more traditional petroleum products towards more sustainable biofuels and feed stocks. The end of the road is still far away, the direction towards change is clear but the final destination is still hidden in clouds. A destination waiting to be uncovered as regulators, consumers and producers decide where we all are heading and at what speed in the different markets, towards the global energy transition. ●

For more information:
Visit: nordicstorage.se



The company has operations across the globe