

Environmentally friendly and efficient.



## **SUSTAINABLE STORAGE SOLUTIONS OF TODAY AND FOR THE FUTURE**

Bulk storage of energy products in geological formations underground offers many advantages compared to conventional above-ground tank storage: it is environmentally friendly, safe and economic. The same volume of gas or oil would occupy a much larger surface space for storage tanks.

Looking into the future, caverns also offer attractive opportunities for the large-volume storage of renewable energy – in particular surplus wind power converted into hydrogen or synthetic natural gas (SNG).

### **STORAG ETZEL**

Beim Postweg 2  
26446 Friedeburg  
Phone: +49 4465/809-0

info@storag-etzel.de  
www.storag-etzel.de



**STORAG ETZEL**  
Energy Storage Solutions

Tradition and technology.



## ABOUT US

**STORAG ETZEL** is the largest independent provider of underground cavern storage in Germany and therefore makes a large contribution to the energy security and gas grid stability for Germany and Northwestern Europe.

At the Etzel site (Ostfriesland) **STORAG ETZEL** develops, leases and operates cavern storage for natural gas and crude oil since 1971.

The caverns are leased to prominent energy companies on the gas market as well as oil stockpiling agencies of several European States and in particular for the storage of a large part of the strategic oil reserves of Germany.

Energy, supply, security.



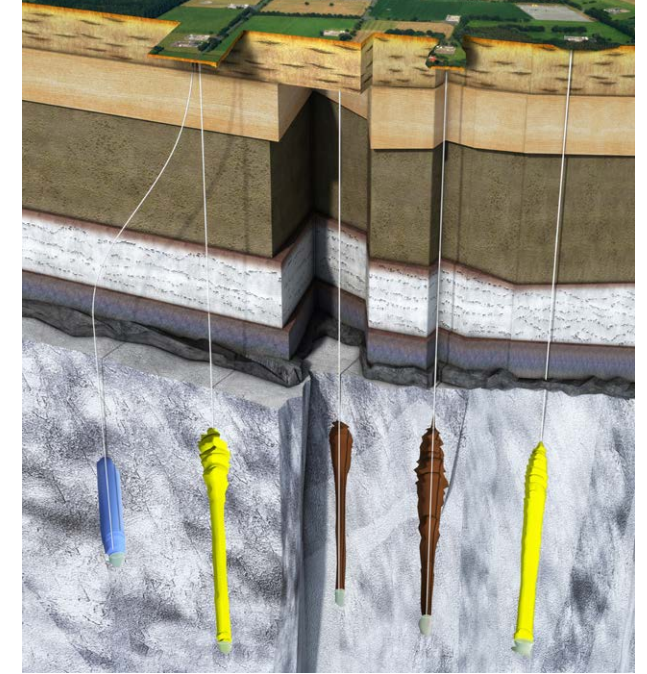
## OUR TASK

Salt caverns allow the storage of energy in the form of oil or gas. In this respect, they contribute substantially to a secure and stable energy supply – now and in the future.

Oil crises in the past like those in 1973 and 1979 revealed the importance of storing energy reserves. The Federal Republic of Germany has therefore made a commitment to maintain a strategic stock level. A large part of this strategic crude oil reserve is stored in caverns at Etzel.

Because the Etzel cavern facility is one of the biggest underground storages for oil and gas in Europe, Germany and neighbouring countries connected to the cavern field are less dependent on political changes in the producing countries.

Geologically unique and geographically convenient.



## THE ETZEL SALT DOME

Due to its favorable geology, the Etzel site offers ideal conditions for the storage of liquid and gaseous fuels: a massive salt dome at a depth of more than 750 m allows the safe storage of large quantities of natural gas and crude oil.

Currently, around 4.5 billion cubic metres of gas are stored here in 51 caverns. In addition 24 caverns more than 10 million cubic metres of crude oil are being stored.

From a geographical perspective, the Etzel site offers many advantages: due to its convenient location in central Europe, the Etzel storage facility is directly connected to the northwest European oil and gas pipeline network and acts as an important, independent link between connected neighbouring countries and the producing countries.