

storengy

OPTIMIZING GAS STORAGE

More innovation

Better performance

Stronger results



A company of **ENGIE**

Storengy is one of the world's leading specialists in natural gas storage facilities, offering a full range of services from design and construction to maintenance and optimization of underground storage sites.

A subsidiary of **ENGIE's** multinational energy and services group, Storengy **designs, builds, and operates** all kinds of underground gas storage (UGS) facilities.

Storengy serves the US market from its regional headquarters in Houston, Texas.

YOUR UGS ONE-STOP SHOP

Storengy services are centered around four key offerings:

PERFORMANCE: We model caverns and reservoirs, applying productivity analyses in order to identify potential improvements and enhance asset performance.

TECHNICAL SUPPORT: We provide technical solutions and industry expertise to support your operations, delivering increased working gas volumes, higher gas deliveries, and optimized cushion gas volume.

INTEGRITY: We ensure well integrity and manage safety risks, using our proprietary tools to offer smart-monitoring of all types of UGS.

MOTHBALLING AND ABANDONMENT: We provide facility decommissioning and have extensive experience in mothballing and abandonment.



Storengy has driven development in Europe's gas markets for the last 60 years, often pioneering new gas storage technologies. Now, Storengy is in a position to offer worldwide expertise in operation and maintenance, monitoring, and asset integrity of underground gas storage facilities, improving performance and commercial results in the long term.

Cécile Prévieu, CEO of Storengy

PROVIDING UNIQUE TECHNICAL EXPERTISE AROUND THE WORLD

Storengy's expertise and experience as a gas storage operator in France, Germany, and the United Kingdom has made it a key player in the development of innovative solutions for UGS facilities.

Some of our most key projects

UKRAINE: TECHNICAL AUDIT FOR EACH UGS FACILITIES

Storengy conducted a comprehensive study for the sole gas storage operator in Ukraine. Storengy performed the technical audit for each of the operator's UGS facilities and analyzed its reservoirs, wells, surface facilities, industrial safety processes in order to optimized the use of Ukraine's underground gas storage facilities.

NUMBER OF SITES AUDITED: 12
STORAGE CAPACITY: 1,060 BCF



ITALY: TECHNICAL SUPPORT FOR CONVERSION OF DEPLETED FIELD TO STORAGE FACILITY

Storengy supported Ital Gas Storage (IGS) in converting a depleted field in Italy into a UGS facility. Storengy conducted a reservoir modelling review, supported the commissioning process, provided a complementary session for IGS operators, and offered a follow-up injection of cushion gas.

TOTAL WELLS : 16



FRANCE: WELL ENGINEERING AND DRILLING SUPERVISION

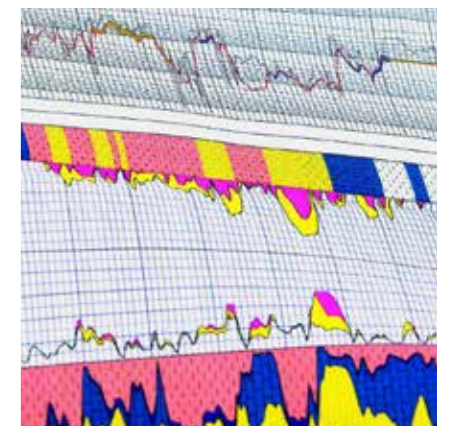
Storengy carried out the engineering and supervision activities for the drilling of Vencorex's well located in a salt layer in Southern France.

Deviated well at 6,500 ft for salt production

OPERATION AND MAINTENANCE OF UGS

Since 1993, Storengy has operated and maintained the Manosque UGS facility (owned by Géométhane). Manosque is a UGS facility in Southern France and has 7 deep salt caverns at depths of 3,250 - 5,000 ft, with 17.5 BCF of storage capacity.

VOLUME OF GAS STORED : 17.5 BCF



60

YEARS OF EXPERIENCE IN DEVELOPING, OPERATING, AND MAINTAINING UGS.

4TH

LARGEST OPERATOR OF UNDERGROUND GAS STORAGE FACILITIES WORLDWIDE

\$1

BILLION TURNOVER IN 2018

21^{UGS}

IN OPERATION WITH A TOTAL GAS STORAGE CAPACITY OF 431 BCF

1,000

EMPLOYEES

600

WELLS WITH A LARGE VARIETY OF TECHNICAL SOLUTIONS

COMPREHENSIVE AND TAILOR-MADE SERVICES

WELL INTEGRITY MANAGEMENT
EVALUATION AND OPTIMIZATION OF PERFORMANCE
MANAGEMENT OF RESERVOIR INTEGRITY IN AQUIFERS,
SALT CAVERNS AND DEPLETED FIELDS
TECHNICAL ASSISTANCE
HYDROGEN STORAGE,
CAES (COMPRESSED AIR ENERGY STORAGE)



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Storengy has ISO 9001 and ISO 14001 management certifications and is a member of the Solution Mining Research Institute (SMRI), the Society of Petroleum Engineers (SPE), and the International Gas Union (IGU).