

storengy

INNOVATIVE PARTNER FOR A NEW ENERGY PARADIGM



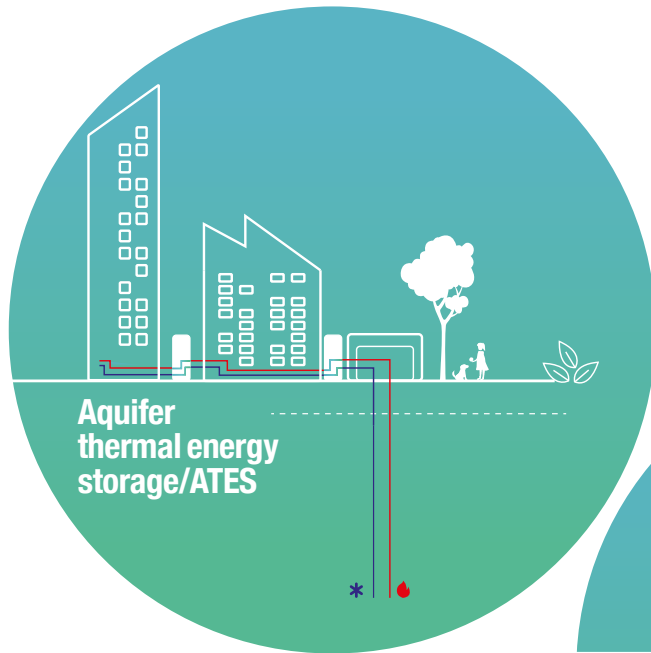
G-STORE

A COMPLETE LOW-ENERGY GEOTHERMAL SOLUTION

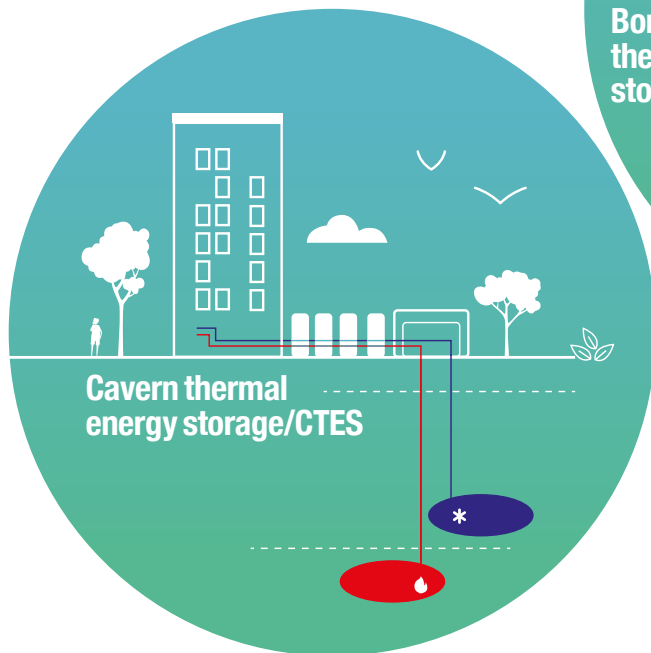
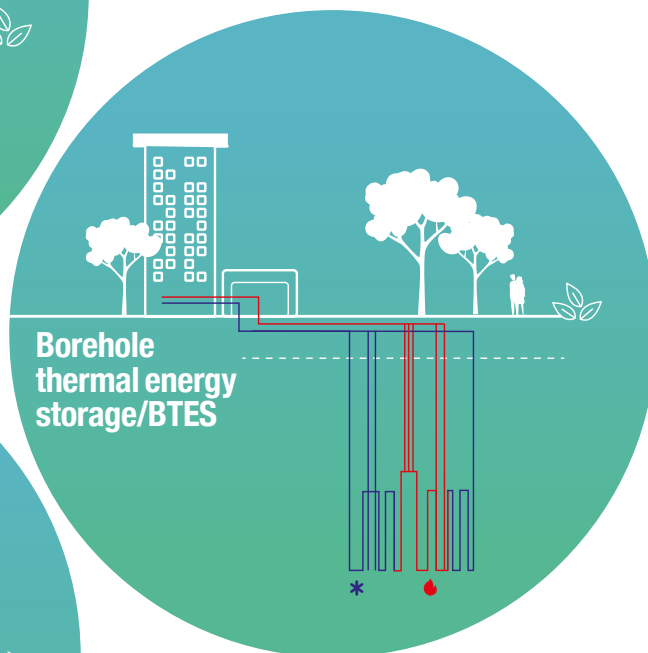
A company of **ENGIE**

A SUSTAINABLE ENERGY

Low-energy geothermal energy is a clean energy source which is playing a major part in the energy transition. Used with heat pumps, it adapts to the requirements of winter and summer for several buildings or an entire housing area. Public and private developers choose this high-potential solution for low carbon projects such as eco-districts and smart buildings.



Low-energy geothermal systems together with heat pumps, work with the heat present in the underground or in the groundwater table. As the surface-closest solution, it draws energy from depths between 10 and 200m, at temperatures up to 30 °C. Former mines can be used to produce low-energy geothermal energy.



5 ADVANTAGES

1. Ecological and local

This energy source emits only small quantities of greenhouse gas and is currently accessible as an example at 90% of the French territory.

2. Renewable and available

It is independent of the weather conditions: the underground energy is predictable and always available.

3. Flexible

This technology adapts to the size of any project, from a building to an entire housing area.

4. Competitive and reliable

This technology is proven and competitive.

5. Seasonal heat and cold storage for buildings and eco-districts

The facility distributes energy directly from the underground to the building (heat and cold).



An integrated offer

Storengy offers a technically integrated and robust solution while ensuring its economic and energetic competitiveness. It applies to residential buildings, larger-scale town planning operations (university campus, business parks, hospitals...), industrial estates and agricultural projects such as greenhouses.

G-STORE uses 3 different techniques working with aquifers, boreholes and mine waste water and offers the best adapted solution to its clients' needs and the local geological context.

Why call upon STORENGY for your project?

Storengy has all the expertise required in hydrogeology and geosciences to assist you during the different stages of the implementation of your geothermal projects. You can also rely on Storengy's commitment and ability to invest.



Are you a promoter, developer or investor?

Storengy's teams can help you with their skills in well management, processes, automation, safety and project management.



Are you a local community?

Storengy can work with you. Our teams' know-how will contribute to the success of your project.

BTESmart project: Storengy, committed to developing innovative solutions

The BTESmart project will provide France with its first technological showcase to facilitate real progress on the understanding, modelling and optimisation of a BTES seasonal heat storage facility. The project sets out to meet the heating needs of the administrative buildings on Storengy's main natural gas storage site in Chémery (Centre-Val de Loire region) and entails the construction of a seasonal heat storage system fuelled by thermal solar panels. One of the primary goals of the BTESmart project is to optimise the system as a whole (both subsurface and surface components) by using the monitoring data gathered by an intelligent system to identify the most cost-effective, most environmentally efficient operating methods and implement them wherever possible.

The project is led by Storengy, in partnership with Géother, with financial support from the French Environment and Energy Management Agency (ADEME).





Storengy SAS

Immeuble Djinn
12, rue Raoul-Nordling
CS 70001
92274 Bois-Colombes Cedex
+33 (0)1 46 52 33 90

geothermie@storengy.com