
Green-Y, a Swiss start-up founded in 2020, has developed a compressed air power storage unit that can heat and cool, combining the functions of a battery and a heat ...

This project is being realized with the support of the Swiss Federal Office of Energy.

For the first time, a pilot project called Alacaes is developing a new system that stores electricity in the form of compressed air in the ...

The pilot plant is located in a disused tunnel in Ticino. Air is pressed into the mountain and sealed in by five-meter-thick concrete walls and a steel ...

Deep in a cavern in the Swiss Alps, an innovative system that stores electricity as compressed air is being developed in a pilot project that is a world first.

The pilot plant is located in a disused tunnel in Ticino. Air is pressed into the mountain and sealed in by five-meter-thick concrete walls and a steel door. The researchers of the joint project ...

For the first time, a pilot project called Alacaes is developing a new system that stores electricity in the form of compressed air in the Swiss Alps, with the support of the Swiss ...

In the present project, the scientists developed a storage tank that absorbs the heat generated during air compression and releases it back to the compressed air before its expansion in the ...

Lead - The joint project provides an integrated investigation along a value chain of advanced adiabatic compressed air energy storage (AA-CAES), the only large-scale energy storage ...

Swiss engineers are converting excess summer solar into hydrogen stored in repurposed natural gas caverns. Come winter, this becomes heating fuel - solving the ...

The project, based at Switzerland"s largest biogas plant owned by Recycling Energie AG, combines biogas production with advanced carbon capture technology to capture ...

In the present project, the scientists developed a storage tank that absorbs the heat generated during air compression and ...

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