

Reykjavik Air Energy Storage Project





Overview

Will Climeworks make Iceland a DAC & CO₂ storage hub?

Under the Bipartisan Infrastructure Law, the US has also agreed to provide companies with \$3.5 billion to scale DAC. A shadow over Climeworks' ambition to make Iceland a DAC and CO₂ storage hub is that the hot rocks providing the company with its geothermal energy also come with a threat.

Is Iceland a good place to store CO₂?

Known as the Land of Ice and Fire, Iceland is blessed with an abundance of geothermal energy. It also is mostly made of basalt rock, which turns out to be an ideal medium for storing CO₂. Climeworks marries Icelandic geology with what it says is cutting-edge technology for extracting CO₂ from the air and locking it underground.

Is Iceland a good place to build DAC?

With an abundance of geothermal energy, the potential for CO₂ storage, and a growing concentration of technical expertise, Iceland may well be the best place in the world for DAC. If the technology cannot prove its worth there, it may not be worth building anywhere.

What makes Iceland a great place to suck carbon dioxide?

Blizzard-whipped glaciers, lava-spewing volcanoes, kilometer upon kilometer of rough, black basalt rocks, and almost constant darkness in winter. This is Iceland, the location of the world's first industrial-scale plant to suck carbon dioxide from the air and store it underground.



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Orca is Climeworks' large-scale carbon dioxide removal plant

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The strategy will be led by cross-government organisation Sustainable Iceland. The. strategy highlights Iceland's goal to be an international leader in geothermal, renewable. energy and ...

Sucking carbon dioxide from air in Iceland

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