



**MANGROVE**  
CCS HUB

# Carbon Capture and Storage Development in Central Florida

Tenaska is considering development of a carbon capture and storage project named **Mangrove CCS Hub** in Central Florida. Our team is talking with local landowners about potential leasing opportunities and with regional businesses about their carbon reduction challenges.

CCS helps manufacturers and industrial producers meet emissions requirements in a cost-effective and responsible manner by capturing carbon dioxide (CO<sub>2</sub>), transporting it, and storing it deep underground. This allows businesses to remain stable employers and taxpayers.



**10,000 to 20,000 acres**  
of pore space needed

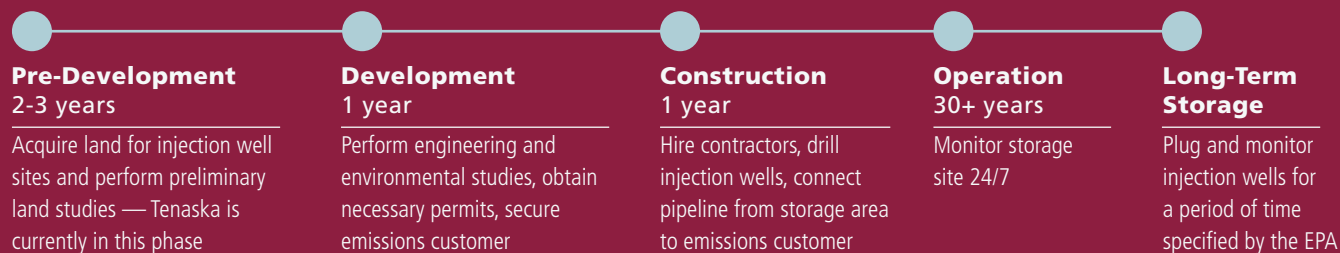


**2 to 5** above-ground  
injection wells



**35 years** of Tenaska energy  
development experience

## PHASES OF A CCS PROJECT



Tenaska is a leading energy company with Nebraska roots. Over the past 35 years, Tenaska has earned a reputation for developing responsible energy projects and being a good business neighbor. We have developed, managed and/or operated approximately 22,000 megawatts of natural gas-fueled and renewable energy generating facilities.

From a five-person operation in 1987 to more than 700 employees today, Tenaska is proud to serve our nation's energy needs.

Learn more about our commitment to hard work and honest dealing at **Tenaska.com**.

Our approach is relationship driven. We know your land is your livelihood, and Tenaska wants to work with landowners to develop a safe and environmentally responsible project that benefits you and your community.

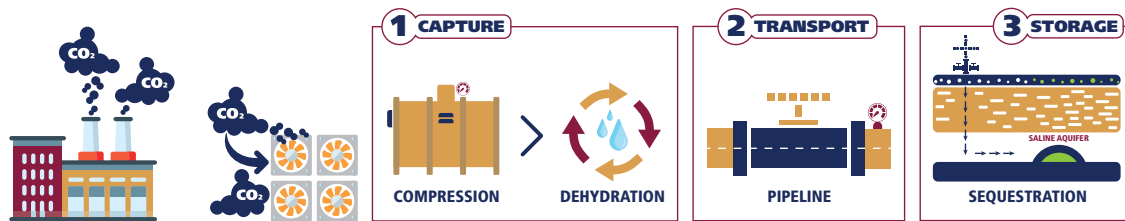
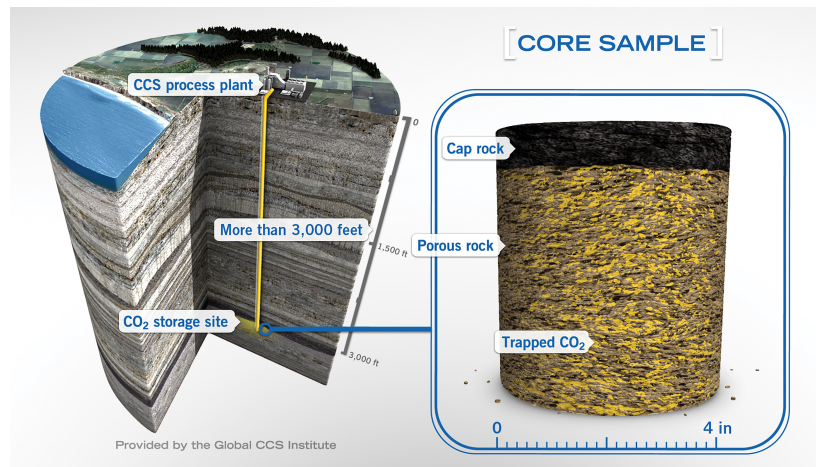
For more information,  
please visit [mangroveccs.com](http://mangroveccs.com)

**Questions?**  
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# What is Carbon Capture and Storage?

Carbon capture and storage (CCS), also known as carbon capture and sequestration, helps industrial producers meet environmental requirements in a cost-effective and responsible manner by capturing carbon dioxide (CO<sub>2</sub>), transporting it, and storing it safely and permanently deep underground.

Tenaska representatives are reaching out to landowners in this area about acquiring access to pore space on their property. Pore space rights are similar to mineral rights, but we would acquire the rights to store CO<sub>2</sub> rather than remove it.



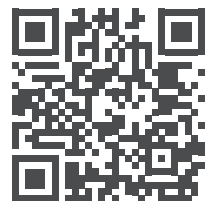
## Carbon Capture and Storage Process

**Capture:** CO<sub>2</sub> is captured at the point of emission, such as ethanol plants, agribusiness, natural gas processing plants, steel processing and other facilities, or through direct air capture, rather than being released into the atmosphere. The CO<sub>2</sub> is then processed and compressed into a liquid.

**Transportation:** A high-strength carbon steel pipeline system safely delivers the liquified CO<sub>2</sub> to a storage site.

**Storage:** The liquified CO<sub>2</sub> is injected deep underground, where it is stored in porous rock and sealed beneath a thick layer of impermeable cap rock. The CO<sub>2</sub> then naturally mineralizes and dissolves over time.

Watch our CCS 101 video by visiting <https://tenaska.com/ccs101> or by scanning this code with a mobile device.



## Landowner Benefits

We know your land is your livelihood, whether you use it for farming, ranching, recreation, leasing or other purposes. Tenaska aims to be a good steward of this land, to support its long-term preservation, and to provide an added source of income for your family over the next 30+ years.



**Create another income stream.** A carbon capture and storage (CCS) project allows landowners to create value from an

unused part of the land's geology deep beneath the surface. Your family can receive payments from the pore space rights for decades.



**Continue utilizing the majority of your land.** Other than a few carefully sited wells above

ground, the storage area is safely located deep underground. You can continue using the land's surface for other purposes.



**Rest assured that this is a profit-positive opportunity.**

Costs associated with the development, construction and operation of the storage field are paid for by the company.



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[mangroveccs.com](https://mangroveccs.com)