

WELCOME



A HISTORY OF INNOVATION AND EXECUTION

Oxy formed 1PointFive to develop and deploy integrated carbon management solutions

- 50+ years of carbon management experience
- Experts in CO₂ transportation, utilization, and storage
- Decades of experience developing successful multi-billion-dollar projects
- 1PointFive will leverage Oxy's expertise in reservoir and carbon management



ZERO IN™

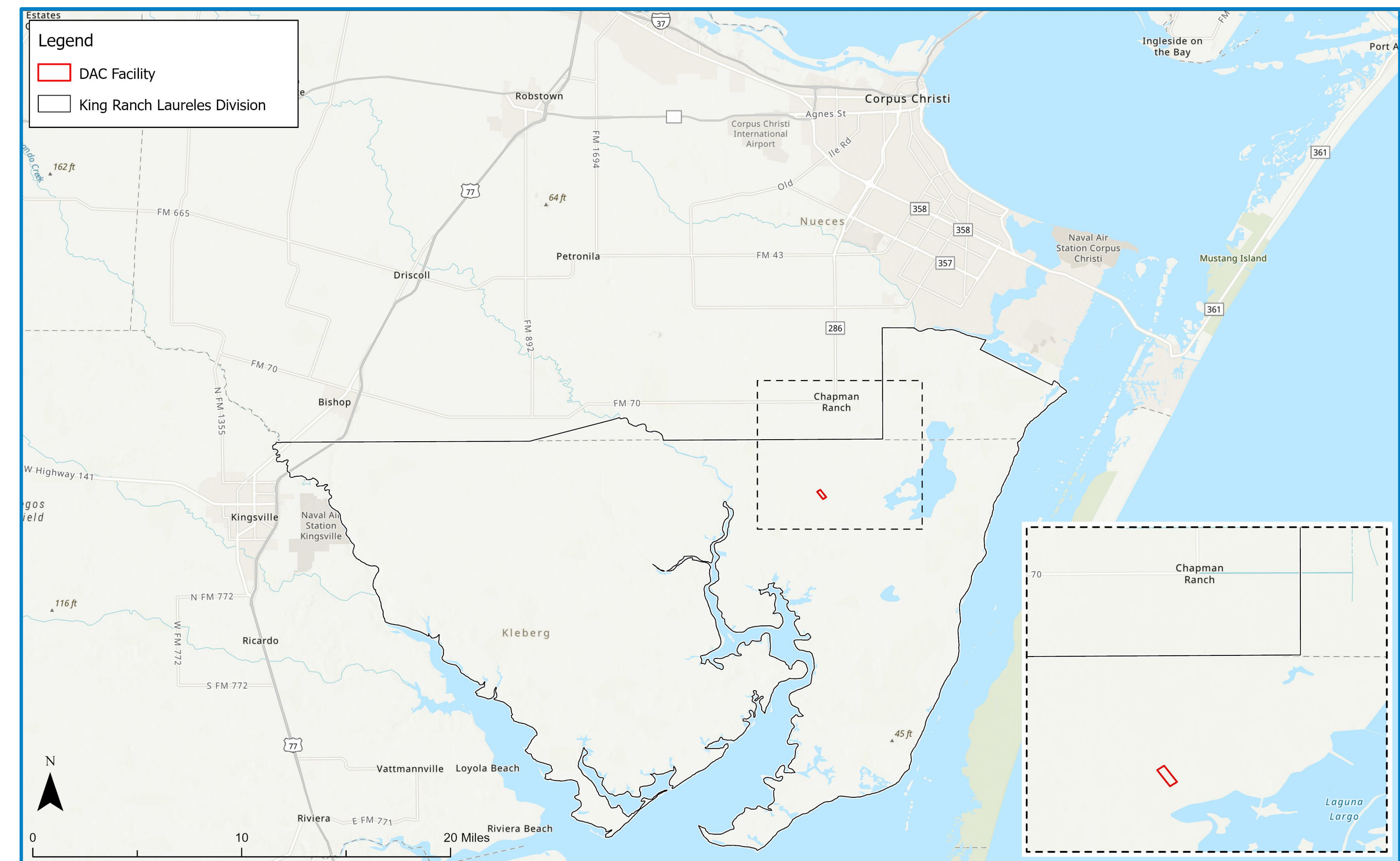




MAKE A DIFFERENCE.

PROJECT LOCATION AND OVERVIEW

- The DAC facility will be built in a remote portion of the King Ranch in Kleberg County
- Currently plan to conduct injection operations for 20+ years with post-injection site care
- CO₂ injection wells will be drilled 6,000' - 10,000' below the earth's surface
- Multiple monitoring wells will be installed within the storage area
- Project is designed to avoid impacting Underground Sources of Drinking Water (USDW)



THE SOUTH TEXAS DAC HUB

- Direct Air Capture (DAC) is the process of removing CO₂ directly from the atmosphere
- The South Texas DAC Hub's initial capacity is designed to be 500,000 tonnes of atmospheric CO₂ per year
- The project has the potential to expand to be the largest DAC Hub in the world
- Project will include power from newly constructed onsite renewable energy sources



Workers at STRATOS



STRATOS DAC plant (July 2024) located in Ector County, TX



MONITORING TO PROMOTE THE SAFE AND SECURE STORAGE OF CO₂

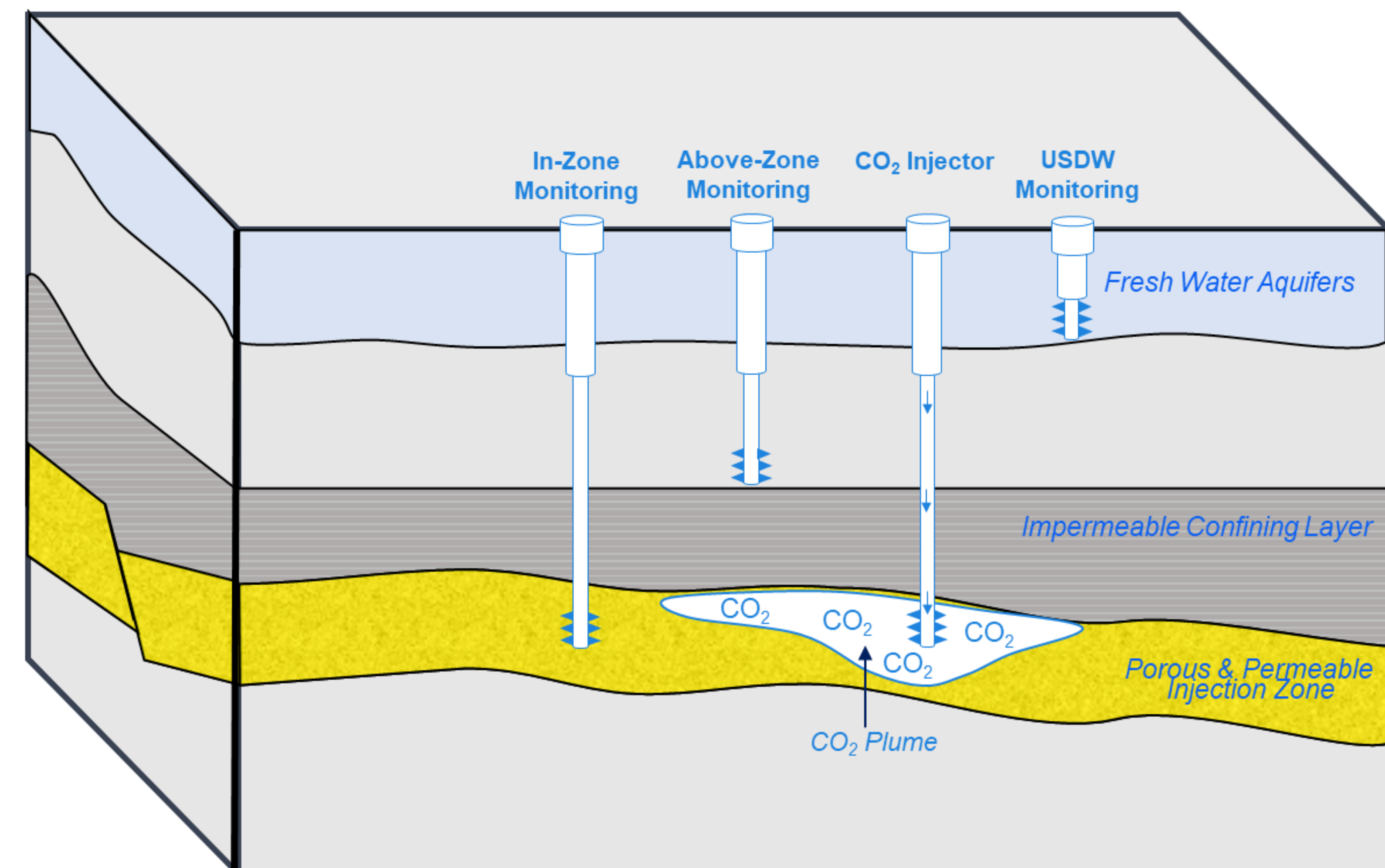
- Continuous observation of injection pressure and temperature data
- Monitoring wells
- Geophysical surveys
- Fluid sampling
- Soil and soil gas sampling
- Seismic studies and passive seismicity monitoring and recording

MAKE A DIFFERENCE.

THE CO₂ STORAGE SITE

Our team of experts have carefully evaluated and selected the site to help safely secure CO₂.

Typical cross section of a carbon storage project.





CO₂ STORAGE SAFETY

50+
YEARS OF
EXPERIENCE

0
CO₂ SAFETY
INCIDENTS



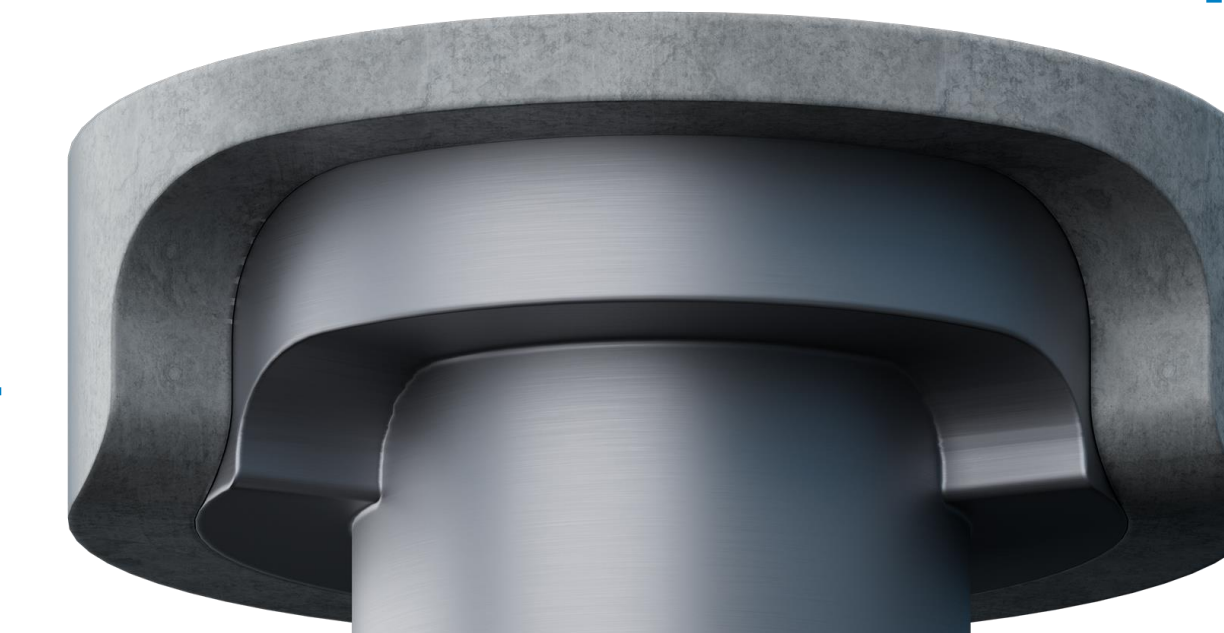
20M
METRIC TONS CO₂ SAFELY
STORED ANNUALLY

2,500
MILES OF CO₂
PIPELINES

- Systems are developed with failsafe, redundancy, and monitoring
- We have robust emergency plans that include temporary or permanent suspension of CO₂ injection
- Injection wells are engineered to protect underground sources of drinking water and to ensure safe long-term storage

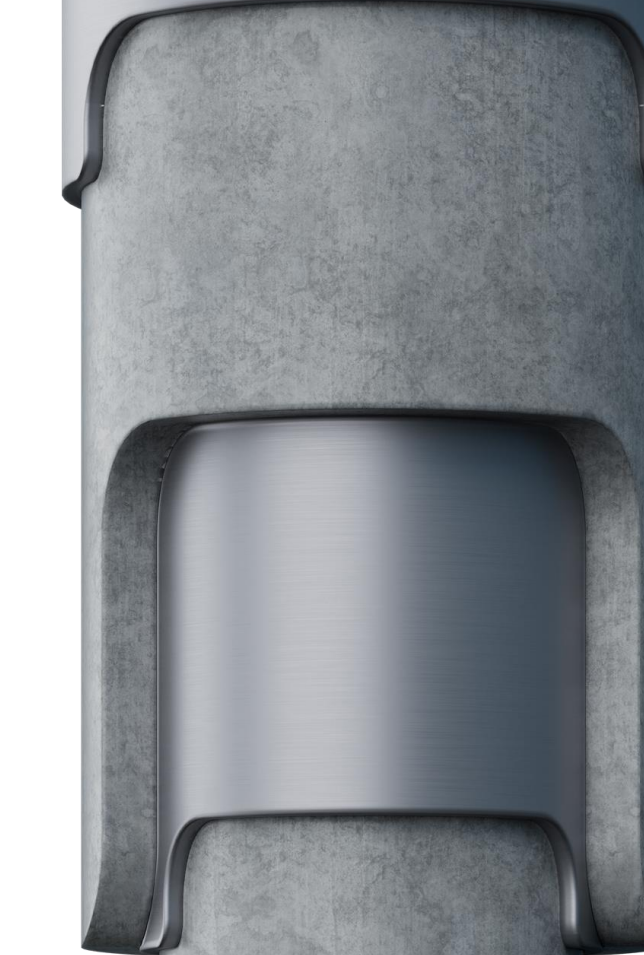
MAKE A DIFFERENCE.

CEMENT ←



→ CONDUCTOR CASING

CEMENT ←



→ SURFACE CASING

CEMENT ←



→ PRODUCTION CASING

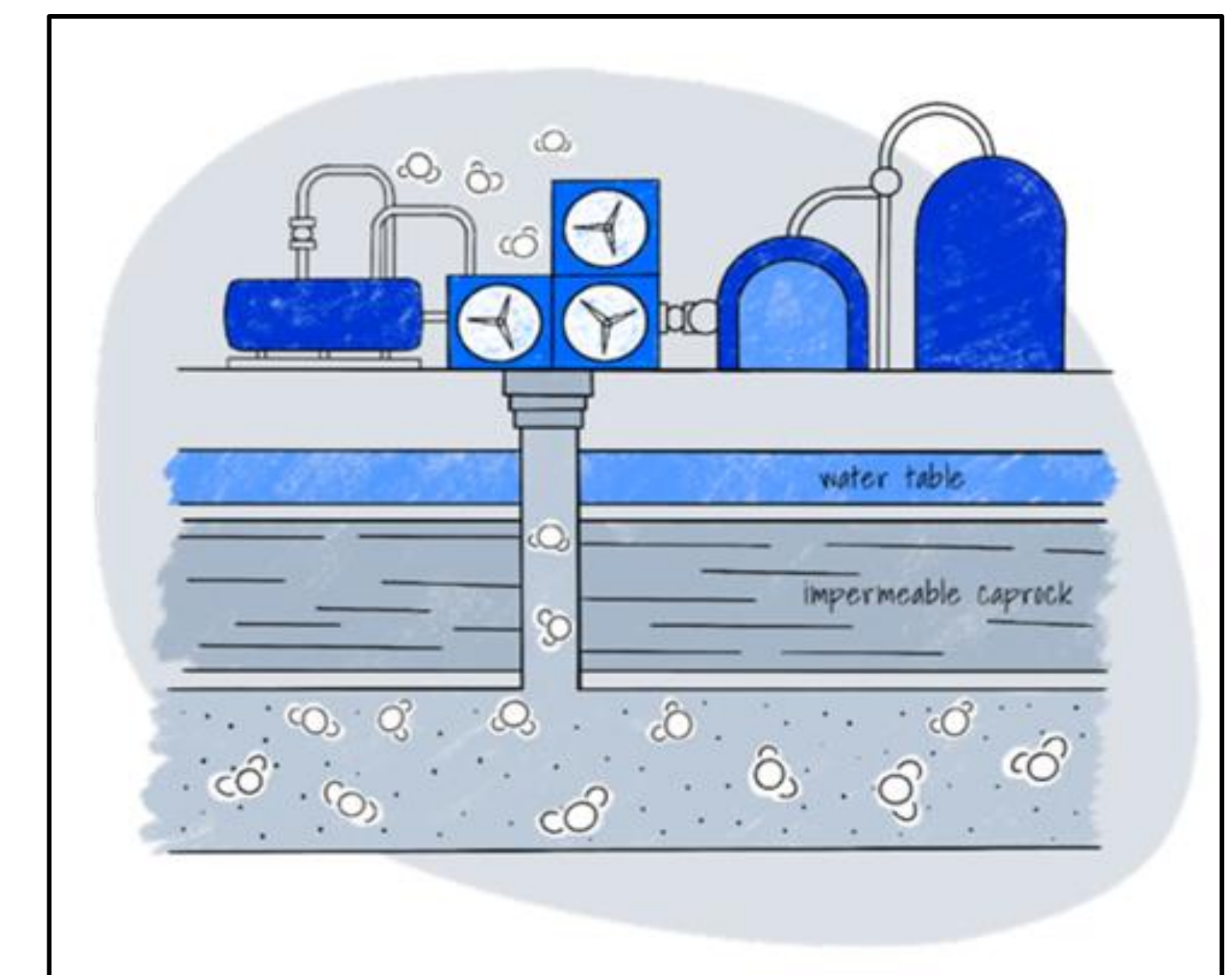
CEMENT ←



→ FLOWING CO₂

DIRECT AIR CAPTURE TECHNOLOGY

- Using high-powered fans, air is drawn into a processing facility
- Atmospheric CO₂ is captured and separated through a series of chemical reactions
- The CO₂ is then sent to safe and secure geologic sequestration or is used to make new products such as building materials and low-carbon fuels
- Carbon Engineering, 1PointFive's technology partner, has been developing DAC technology since 2009



The DAC process



The Carbon Engineering Innovation Centre is a DAC demonstration facility used to perform research and development on CE's technology

MANAGING POWER AND VISUAL IMPACTS

- The South Texas DAC Hub will use electricity from renewable power resources
- These renewable power resources will be in addition to the ones available today and will supplement the electrical grid
- The South Texas DAC Hub design will incorporate drainage and natural pathways for any wildlife that makes its way onto the site
- The project will incorporate natural vegetation buffer zones to limit the visual impact of the project to local stakeholders



Oxy's solar facility in Goldsmith, Texas provides an example of integrated vegetation management which is used to restore solar footprint to its natural habitat



COMMUNITY PARTNERSHIPS

In addition to the direct benefits and increased economic activity, we are committed to creating mutually beneficial partnerships



MAKE A DIFFERENCE.

CHARITABLE PARTNERSHIPS

- Barbara Bush Houston literacy Foundation (Kleberg Library, Robstown Library, and Corpus Christi Library System)
- Boys & Girls Club of Kingsville
- Coastal Bend Bays & Estuaries Program
- Coastal Bend Food Bank
- Communities in Schools of Coastal Bend
- Corpus Christi Hooks
- Douglass Youth Center
- Gulf of Mexico Alliance
- Halo Flight
- Wish for Wheels



LOCAL OUTREACH & EVENTS

- Baffin Bay Stakeholder Group
- Flavors of South Texas
- Kingsville Chamber of Commerce
- Kingsville ISD Education Foundation
- Kingsville State of the City
- Kleberg-Kenedy Jr. Livestock Show
- Kleberg State of the County
- Ranch Hand Weekend
- Riviera ISD Education Foundation
- Santa Gertrudis ISD Education Foundation
- TAMUK Downtown Kingsville 5K & 1K



MAKE A DIFFERENCE.

COMMUNITY BENEFITS PLAN

1PointFive is dedicated to furthering equity, justice, and quality job creation in the development and operation of the South Texas DAC Hub through its Community Benefits Plan (CBP)

Community Advisory Board:

- Creation of a Community Advisory Board to promote active two-way engagement with community stakeholders

Educational Outreach and Investment:

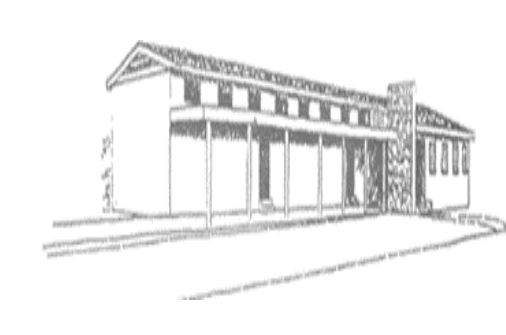
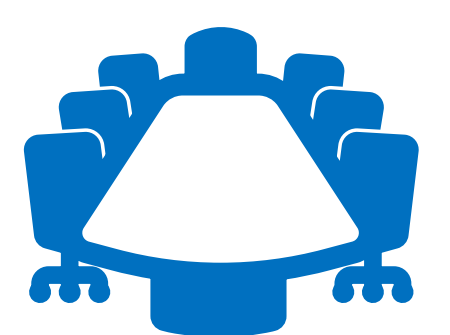
- In-classroom programing in partnership with University of Texas GCCC & Livermore Lab Foundation
- Summer Mini Camp for students with a focus of accelerated reading, science, technology, and engineering in partnership with Douglass Youth Center

College and University Outreach and Investment:

- Integration of DAC technologies into Environmental Engineering curriculum (TAMUK)
- Workshops in environmental monitoring and data management to support DAC Hub operations (TAMUK)
- Investment in STEM and Industrial Technology programs (Del Mar College)
- Collaboration on clean energy/carbon capture research with the Gulf Coast Environmental Center (PVAMU)
- High school scholarships, summer engineering camps and student outreach activities with local middle school and high school students (PVAMU)

Workforce Development:

- Up to 1,800 jobs expected to be created across multiple disciplines
- Workforce and career development for DAC & CCS related skills
- Building a diverse supply chain which will include underrepresented businesses



PERMIT APPLICATIONS



In addition to the events and opportunities for the community to learn about the project and provide feedback, a critical part of the permitting process is that the draft permit will be published before approval, allowing the public to review and comment.

- CO₂ injection for sequestration is permitted by the EPA



- Information required for a permit application is extensive and includes:
 - Site characterization of injection and confining zones
 - Well casing and cementing program
 - Corrosion monitoring and prevention plan
 - Well integrity testing plan
 - Geophysical monitoring and fluid testing plan
 - Emergency and remedial response plan
 - Seismicity monitoring plan
 - Post-injection site care and closure plan
 - Financial responsibility

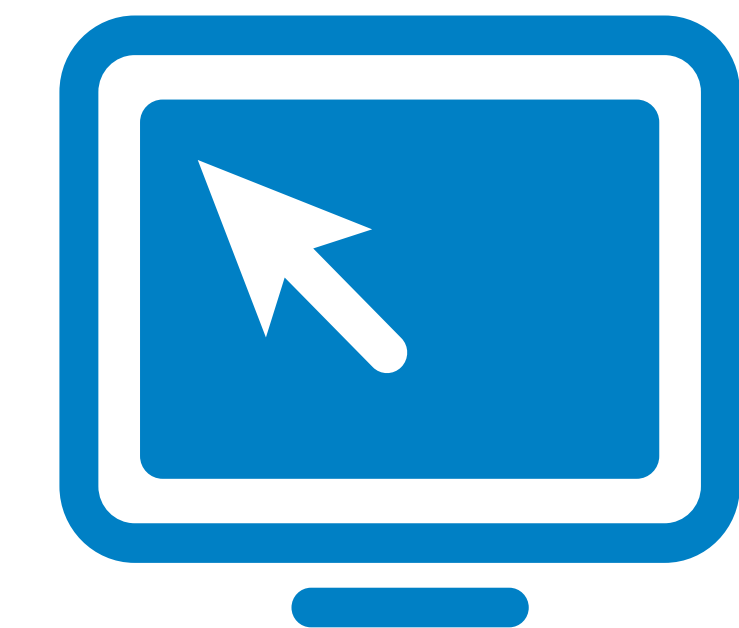


MAKE A DIFFERENCE.

STAKEHOLDER RELATIONS TEAM

Dedicated to communities since 2014

- We engage with surrounding communities to share, listen, and work with our internal teams to tailor operations to your community
- We are committed to transparency and sharing information proactively.
- Our goal is to understand communities and their priorities.
- We strive to conduct our business in a manner that protects the health, safety, welfare, the environment and wildlife resources
- Visit the dedicated stakeholder website, send us email, or give us a call!



Phone: 866.248.9051
Stakeholder@1PointFive.com
SouthTexas1PointFive.com



We look forward to hearing from you!