1POINTFIVE

BRINGING DECARBONIZATION SOLUTIONS TO INDUSTRY

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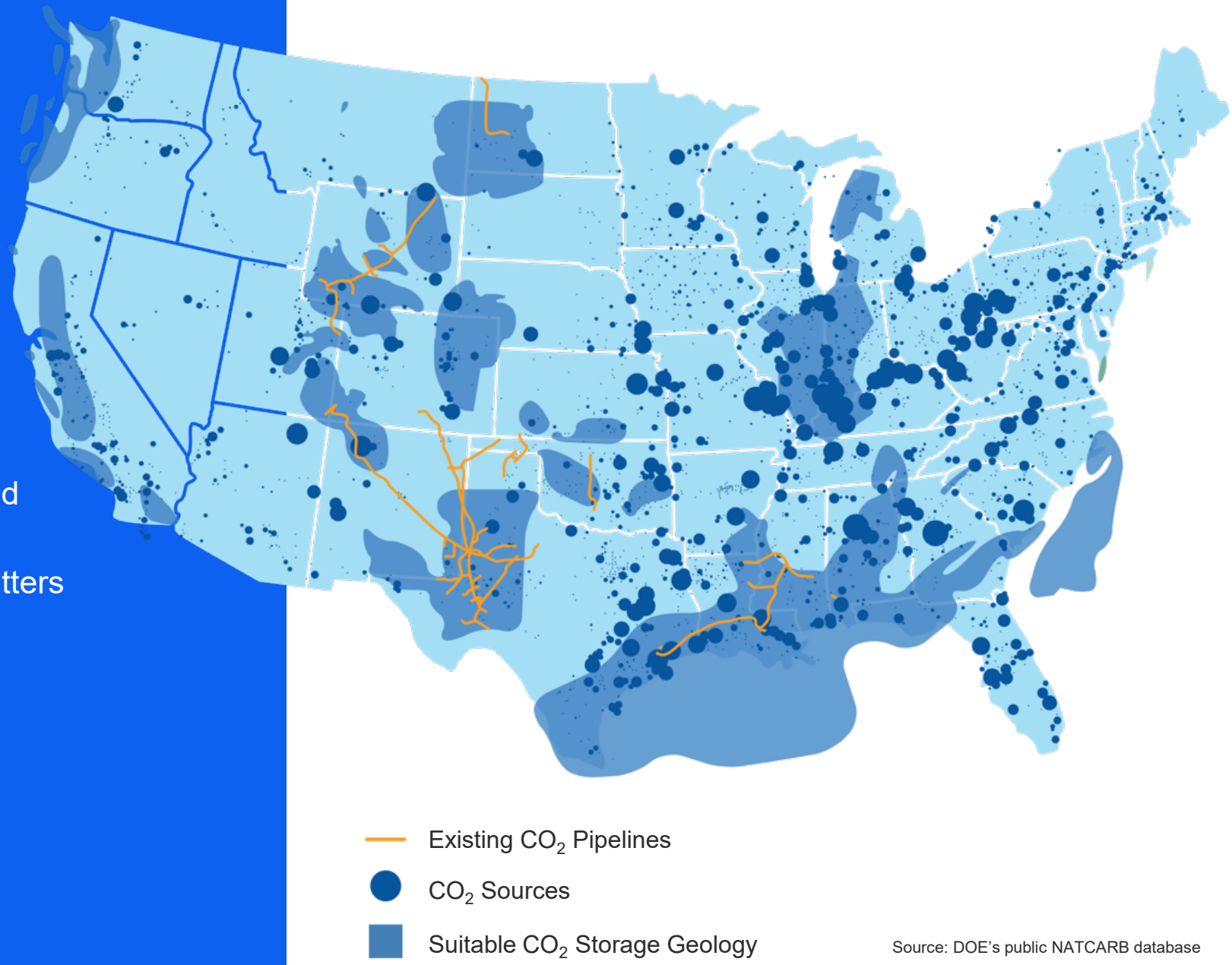
MAKE A DIFFERENCE.

1POINTFIVE

POINT SOURCE CAPTURE & SEQUESTRATION

MAJOR U.S. EMISSION SOURCES

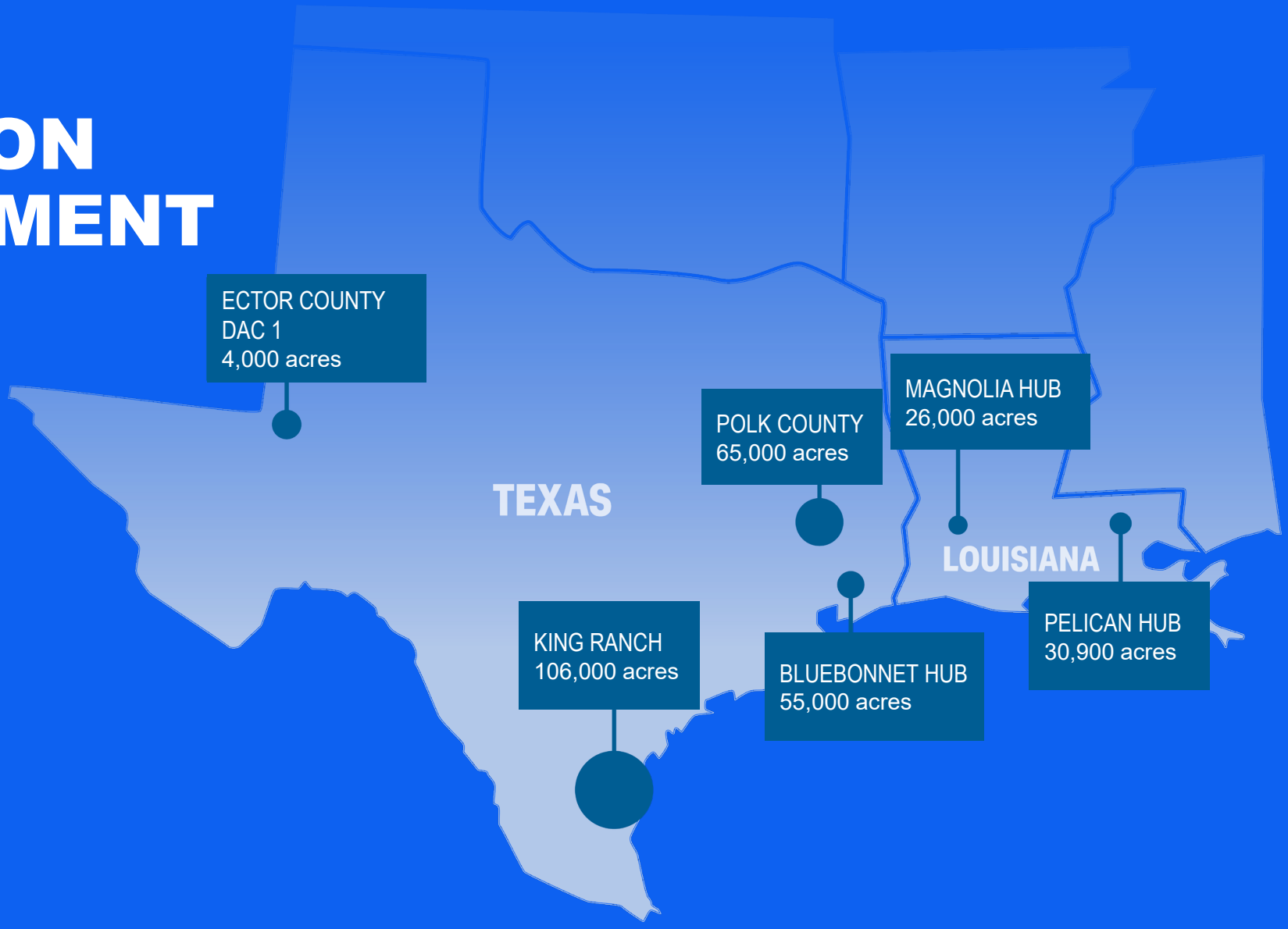
Strategically located CO_2 transportation and storage infrastructure can help provide decarbonization solutions for industrial emitters



Source: DOE's public NATCARB database

SEQUESTRATION HUB DEVELOPMENT

We're developing strategically-located CO_2 storage infrastructure that can store CO_2 captured via DAC and point-source capture projects at industrial facilities

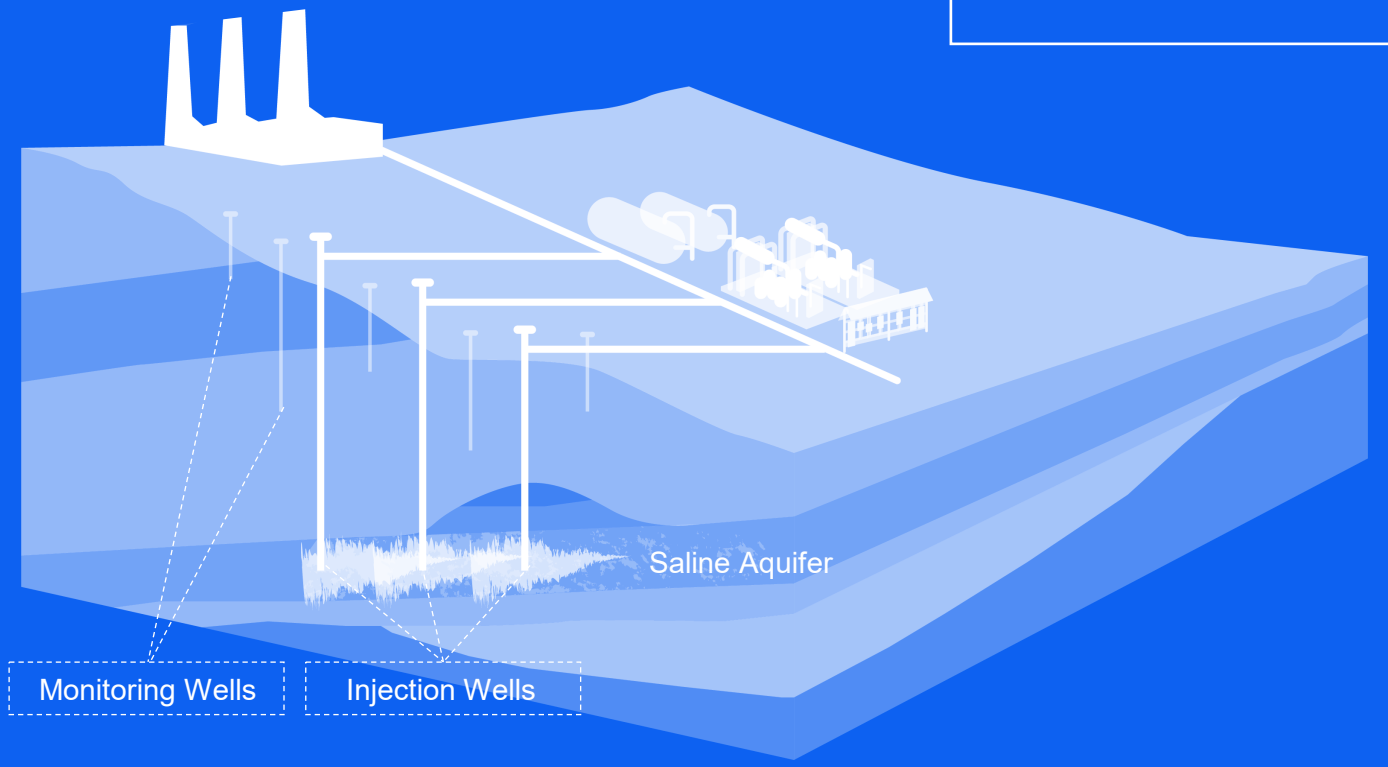


DEDICATED SEQUESTRATION HUBS

Our hub-based model is a scalable solution that allows access to a shared carbon infrastructure, bringing more options to emitters looking to explore viable carbon management strategies.

A TYPICAL SEQUESTRATION HUB INCLUDES:

- Multiple CO_2 emission sources
- CO_2 pipelines and spur lines to transport CO_2
- 3+ injection wells
- 5+ monitoring wells
- A CO_2 monitoring system
- ~30 surface acres

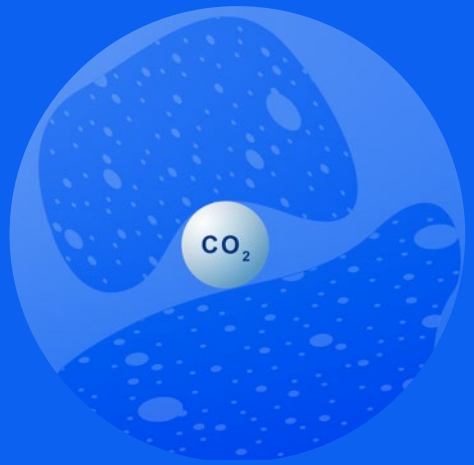


SAFELY, SECURELY STORED CO_2

NATURALLY OCCURRING TRAPPING MECHANISMS

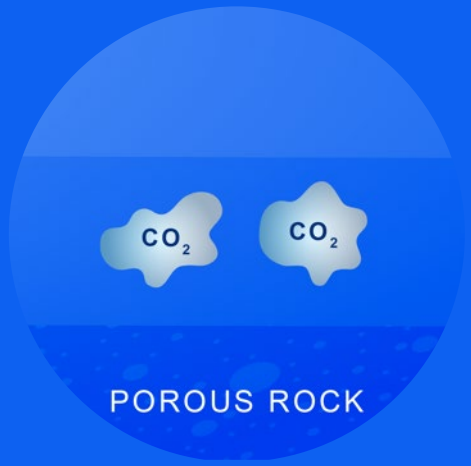
STRATIGRAPHIC

Impermeable caprock isolates the CO_2



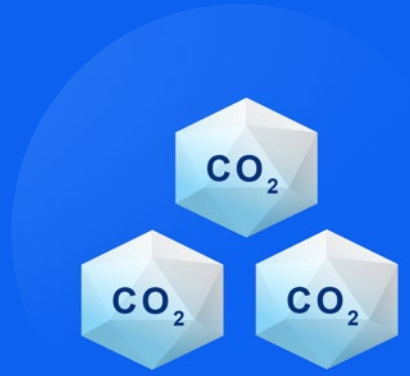
RESIDUAL

CO_2 is immobilized and contained in tiny pores



SOLUBILITY

CO_2 dissolves into naturally occurring salty brines



MINERAL

CO_2 becomes part of the rock

CLASS VI WELLS AND MONITORING PROGRAMS

MONITORING PRESSURE, TEMPERATURE, CORROSION, WATER AND SOIL

Reviewed and permitted by the U.S. Environmental Protection Agency (EPA)

Highly engineered wells featuring multiple layers of steel casing and cement

Designed specifically to protect underground sources of drinking water

THANK YOU

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