

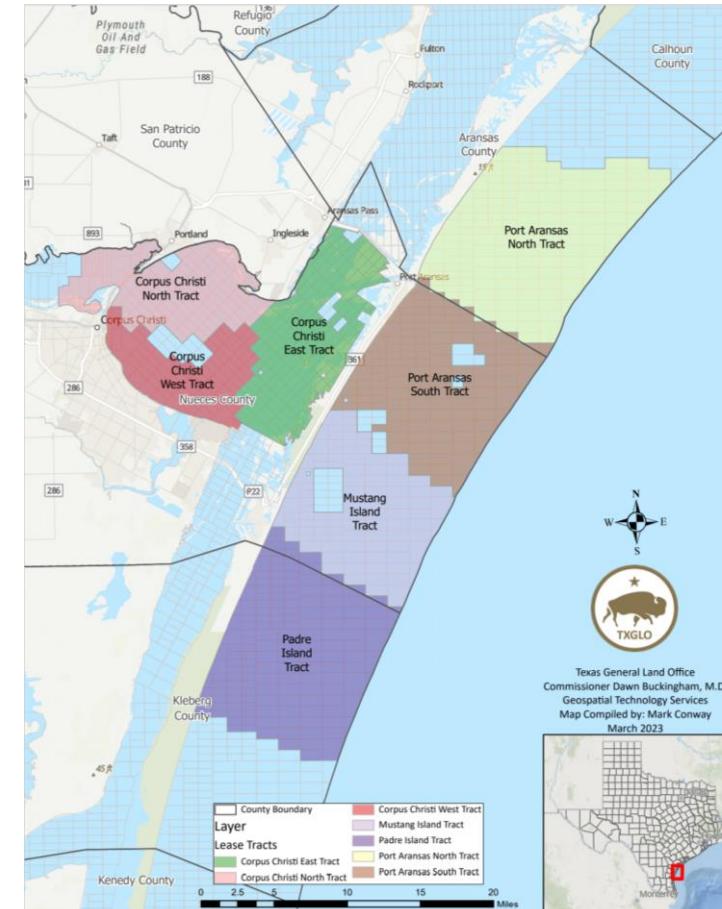
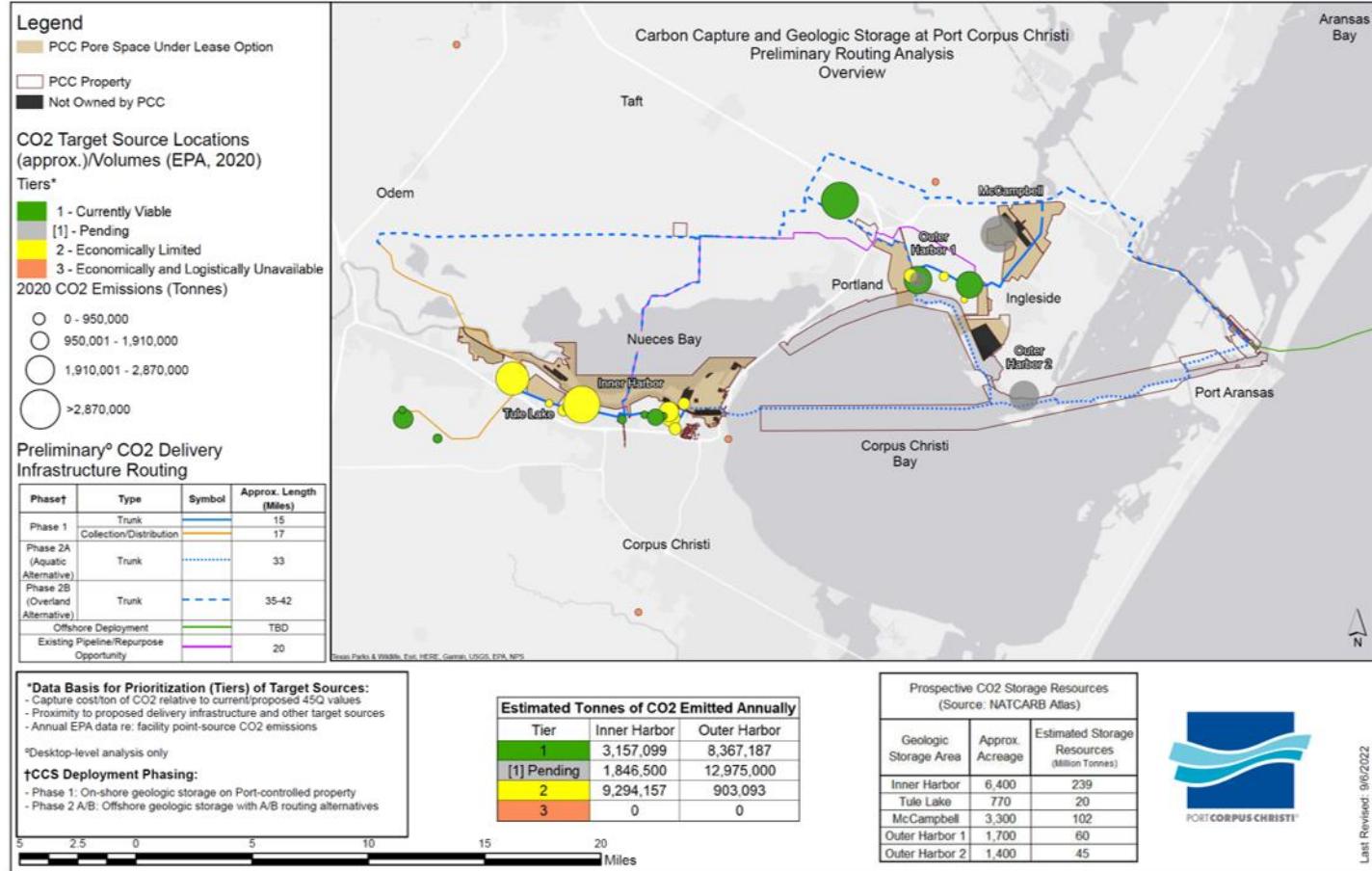
# **Port of Corpus Christi – carbonSAFE II**

**Dr. Tip Meckel**  
**Senior Research Scientist**  
**Gulf Coast Carbon Center**  
**Bureau of Economic Geology**

# DOE CarbonSAFE Phase 2 - Feasibility

- 9 Onshore:
  - ARI, Battelle, Univ. IL, GTI, POCCA, SSEB, Univ. UT, Univ. ND, Univ. WY.
- 2 Offshore:
  - SSEB, South Timbalier
  - POCCA + BEG, Corpus Christi - \$7.4M

# DOE CarbonSAFE Phase 2 - Feasibility



<https://portofcc.com/port-of-corpus-christi-awarded-16-4m-in-carbonsafe-grants-from-u-s-department-of-energy/>

# Project Scope - SOPO

- SCI – Societal Considerations and Impacts – Assessment and Plans
  - Diversity, Equity, Inclusion, and Accessibility (DEIA) Plan
  - Justice40 Initiative (J40) Plan
  - Community and Stakeholder Engagement Plan
- Site Specific Characterization & Assessment of the CO<sub>2</sub> Storage Complex
  - Storage Complex Geophysical Characterization
  - Storage Complex Model Data and Reservoir Simulation
- Preliminary Project Risk Assessment with Mitigation & Management Plans
- Plan for Subsequent Detailed Site Characterization & UIC Class VI Permitting
- Project Technical & Economic Feasibility Assessment

# Project Participants

- POCOA and BEG – Co-PIs
- Geostock Sandia
- Trimeric
- Geosurveys
  - Return Carbon
- The Frontline Group
  - MSGEO
- 1845 Carbon Storage

