

Six Keys to Accelerating CCS Project Growth

Chris Davis
Vice President of Carbon Sequestration

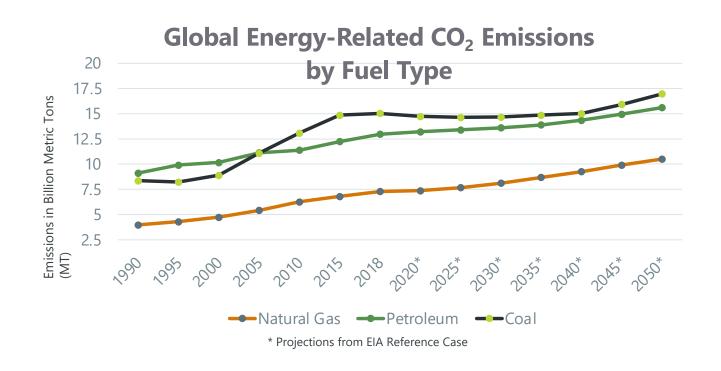
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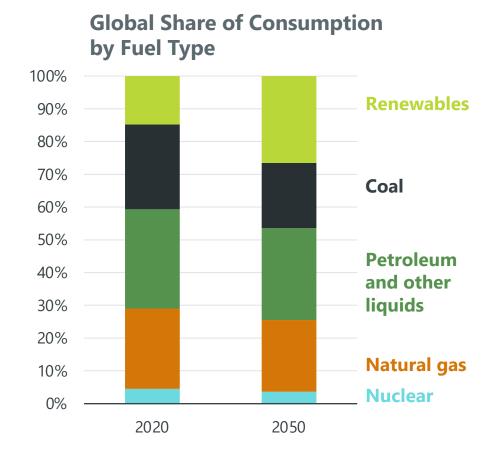


Carbon Fuels Dominate Global Economy Through 2050



China's coal consumption will continue to drive high CO₂ emissions



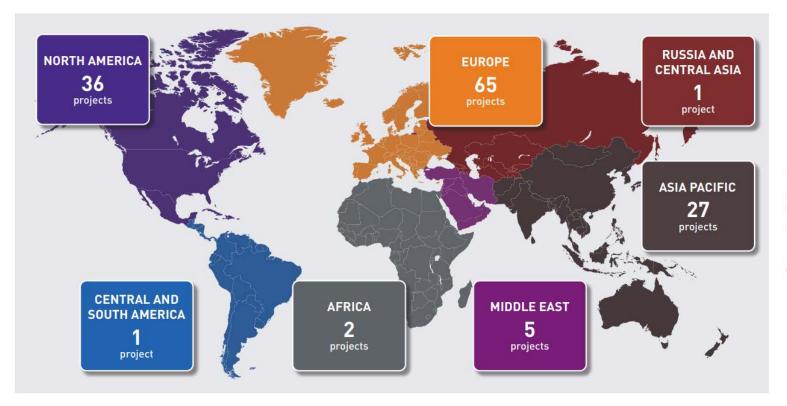


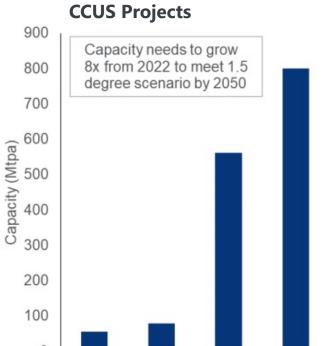
Source: U.S. Energy Information Administration, *International Energy Outlook 2021* (IEO2021) Reference case

Net-Zero Targets Increase Project Growth



Nearly 50 new CCUS and low-carbon hydrogen projects announced in 2021





Dec-20

Dec-19

Announced Global

SOURCE: Int'l Association of Oil & Gas Producers, 2022

SOURCE: Wood Mackenzie Energy Transition Service

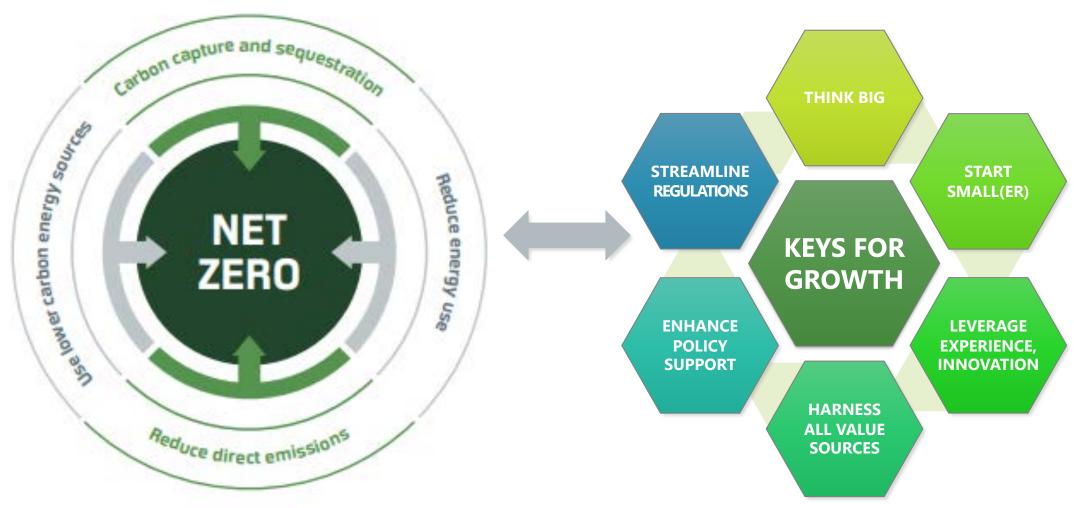
Dec-21

Dec-22

Six Keys to Accelerating CCS Project Growth



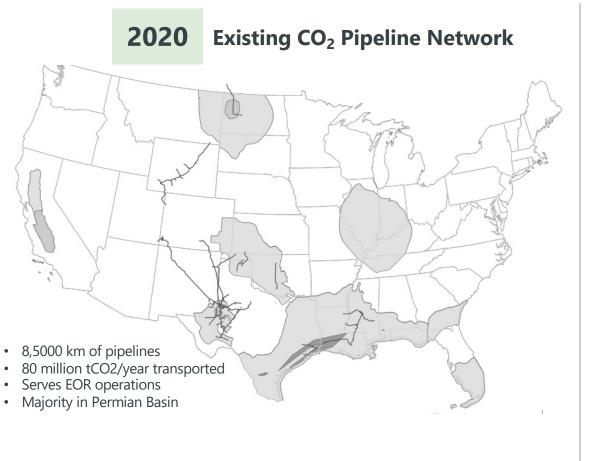
Foundational projects capture learnings, spread innovation, cut costs

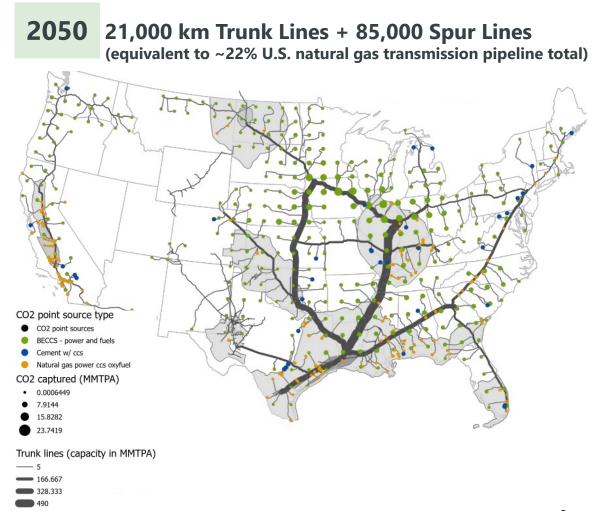


1. Think BIG



Regional pipelines and CCS hubs reduce costs through shared infrastructure

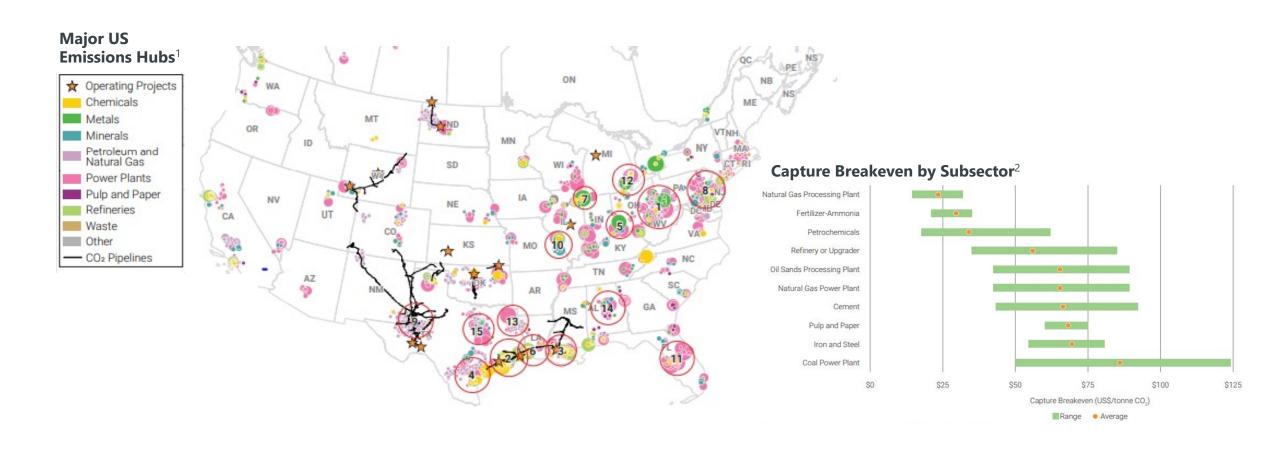




2. Start Small(er)



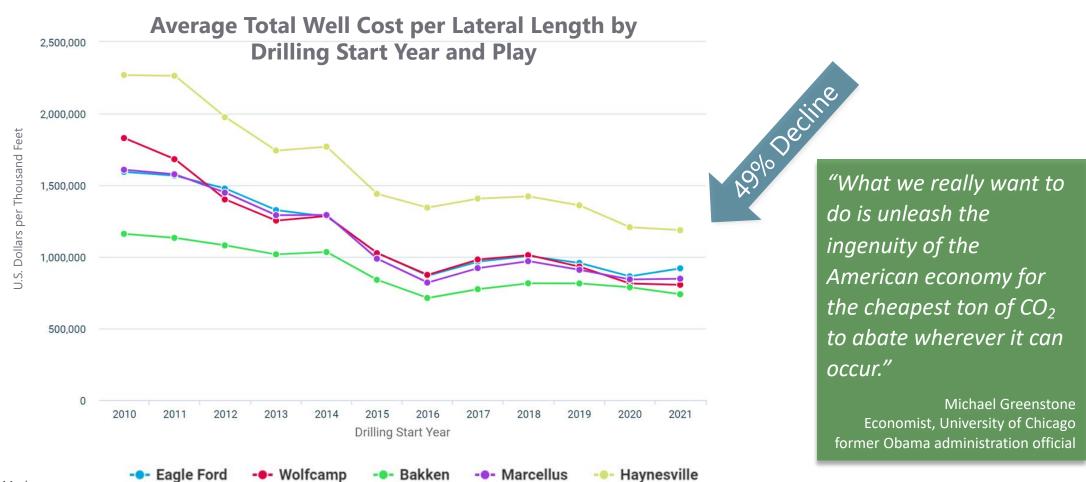
Embrace foundation projects in high CO₂ concentration areas



3. Leverage Experience, Innovation



Think "Shale Revolution" where agile projects, industry expertise made U.S. a natural gas exporter



SOURCE: Wood Macker

4. Harness All Sources of Value



Small project viability depends on commercial considerations









1. Government Support

2. Carbon Offsets

3. Low-Carbon Product Premium

4. Investor ESG Metrics

Collect 45Q tax credits and other future U.S. or non-U.S. government subsidies for carbon sequestration projects.

Register & trade sequestered carbon on the U.S. or International voluntary offset markets. Oil & Gas buyers increasingly seeking lowcarbon product. Expect future market premiums or differentiated pricing.

Satisfying shareholders and improving market outlook by meeting exceedingly stringent ESG goals.

5. Enhance Policy Support



Changes to 45Q and liability laws are needed

45Q Today

- Construction by Dec. 31, 2025
- Tax Credits (2021 2026)
 - \$35 \$50 MT Geo Storage
 - \$23 \$35 MT EOR
 - \$23 \$35 MT Other Use
- No Direct Pay Options
- Capture Requirements:
 - 25,000 MT Industrial
 - 500,000 MT Power Plant
 - 100,000 MT DAC

Updates to Spur Growth

- Extend Project Start Dates
- Higher Values for CO₂

- Direct Pay Options
- Reduce or Eliminate Minimum Capture Requirements



Liability Today

Owner/Operator Liable in Perpetuity



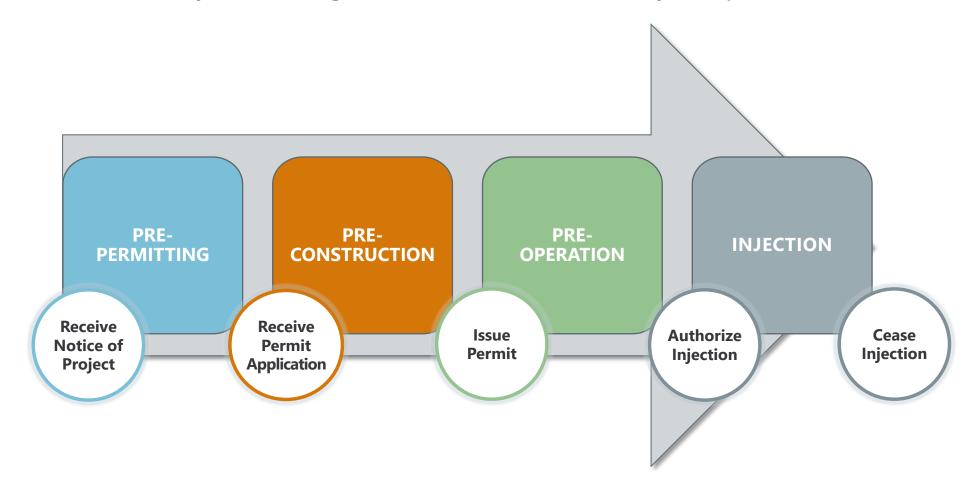
North Dakota, Wyoming Model

Federal/State liability

6. Streamline Class VI Permit Application Phases



Government, Industry work together to reduce multi-year process



Starting Small is Key to Big Growth





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Partner with Milestone to get your CCS project in the ground





Questions?

Chris Davis
Vice President of Carbon Sequestration
ChrisDavis@milestone-es.com
281-907-3851 M

Milestone-es.com