



3rd Asia CCUS Network Forum

Session 3: Panel Discussion on CCS Policy Roadmap

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U.S. DEPARTMENT OF
ENERGY
Fossil Energy and
Carbon Management

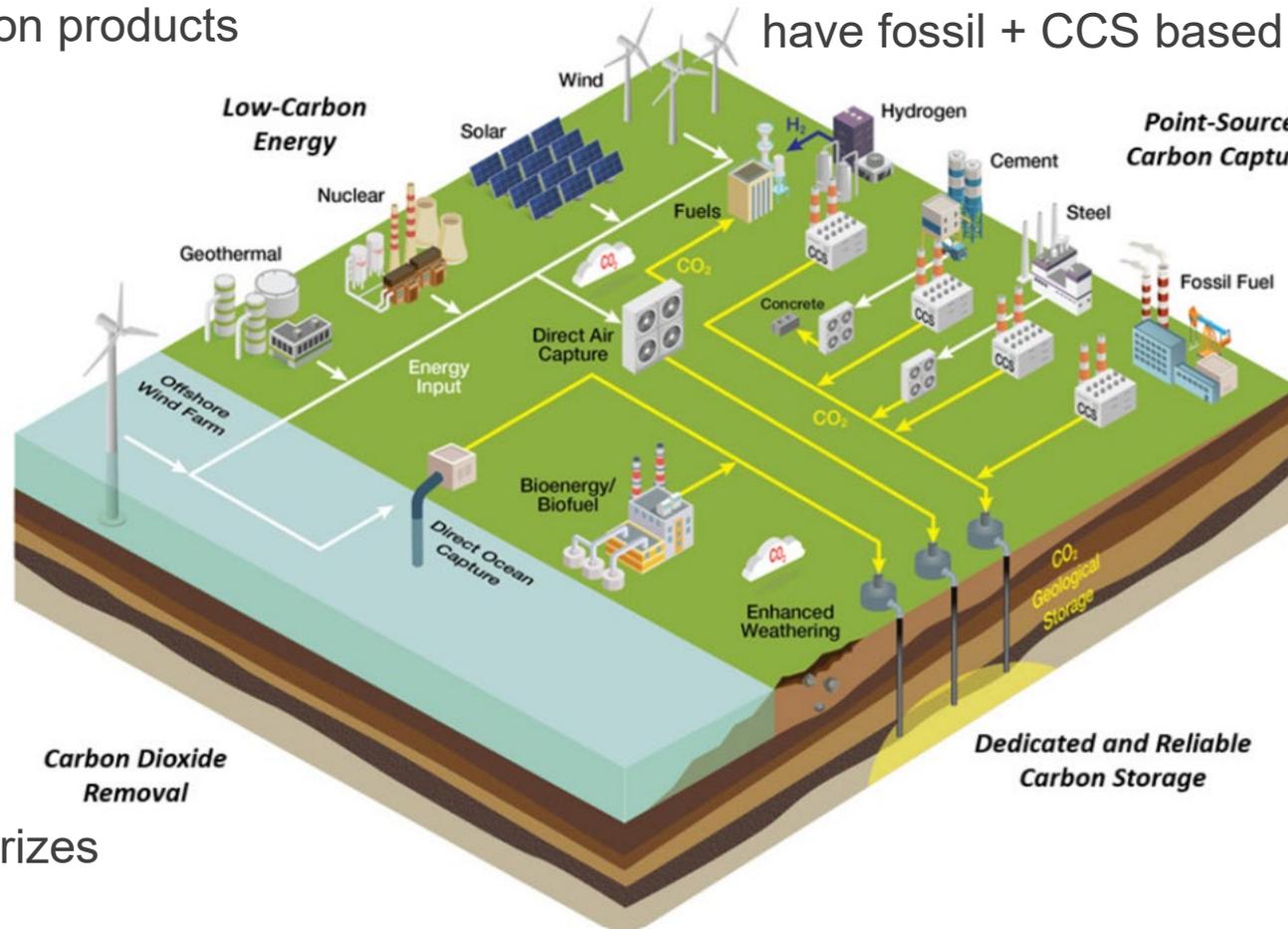


Bipartisan Infrastructure Law funding

\$300M for CO2 conversion grants for low embodied carbon products

\$8B for H2 Hubs, of which at least one will have fossil + CCS based H2 production

\$2.1B for CO2 transportation loan support via CIFIA program
\$100M for CO2 transportation engineering studies



\$2.5B for commercial CCS demonstrations
\$1B for small CCS pilots

\$3.5B for Direct Air Capture Hubs
\$115M for Direct Air Capture Technology Prizes

\$2.5B for expanding DOE's CarbonSAFE storage characterization and buildout initiative



Robust Federal Policy Framework for Carbon Management

- **Bipartisan Infrastructure Law** - \$12 billion in federal carbon management investments over 5 years
 - Includes commercial-scale carbon capture demos, direct air capture and hydrogen hubs, regional geologic storage sites and CO₂ transport infrastructure
 - Expands federal funding to include commercial scale demonstration and infrastructure
- **Inflation Reduction Act** – Transformative enhancements to the 45Q tax credit to stimulate private investment in carbon capture, carbon conversion and direct air capture projects
 - Available for projects beginning construction by 2032; direct payments for first 5 years of operation
 - \$85/tCO₂ for carbon capture from industrial facilities and power plants with dedicated storage; \$180/tCO₂ for direct air capture
 - Reduced minimum project size to 1,000 tons for direct air capture, 12,500 tons for industrial facilities, and 18,750 tons for power plants



Scaling carbon management is a Biden Administration climate priority

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POTUS on CMC



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