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#### **Point Source Carbon Capture for Industrial Decarbonization**

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# "Carbon management" refers to:



\* FY 23 Enacted Budget





## **FECM's Office of Carbon Management**

Focused on minimizing the environmental and climate impacts of fossil fuels and industrial processes, while working to achieve net-zero GHG across our economy





Carbon Dioxide Removal



Fossil Energy and Carbon Management

fecm.energy.gov

# Carbon management is one solution to address industrial emissions



 Image: Department of Carbon Management
 Fossil Energy and fecm.energy.gov

#### **Carbon capture evolution at DOE**



ENERGY Foss

Fossil Energy and Carbon Management Leverage Broad CCS Portfolio for Industrial Decarb

energy.gov/fe

#### **CCS FEEDs for cement plants**





Fossil Energy and Carbon Management

energy.gov/fe







### Bipartisan Infrastructure Law & IRA funding: Carbon management

Carbon Transport and Storage \$2.5B for expanding storage capacity

**\$100M** for CO<sub>2</sub> transportation engineering studies

**\$2.5B** CO<sub>2</sub> transportation loan support via CIFIA program



#### Carbon Capture & Industrial Decarb

**\$2.5B** Commercial CCS demo **\$1B** Large CCS pilots

**\$6.3B:** Industrial Decarbonization

Carbon Dioxide Removal

**\$3.5B** for DAC Hubs **\$115M** for DAC Prizes





#### Carbon capture program: Outreach



Carbon Capture Newsletter



Carbon Capture Program R&D Compendium



Carbon Matchmaker



Commercial Liftoff Report

Pathways to Commercial Liftoff: Carbon Management (energy.gov)

https://www.netl.doe.gov/carbon-management/carbon-capture

Carbon Management

https://www.energy.gov/fecm/carbon-matchmaker

fecm.energy.gov