



# DOE-FE/NETL Point Source Carbon Capture R&D Program

Developing advanced CO<sub>2</sub> capture concepts applicable to a wide spectrum of point source emissions:

- Flexible operations
- > 95% carbon capture



## FOSSIL FUEL-BASED POWER PRODUCTION

(e.g., natural gas, coal)

4-14% CO<sub>2</sub>



## INDUSTRIAL PRODUCTION FACILITIES

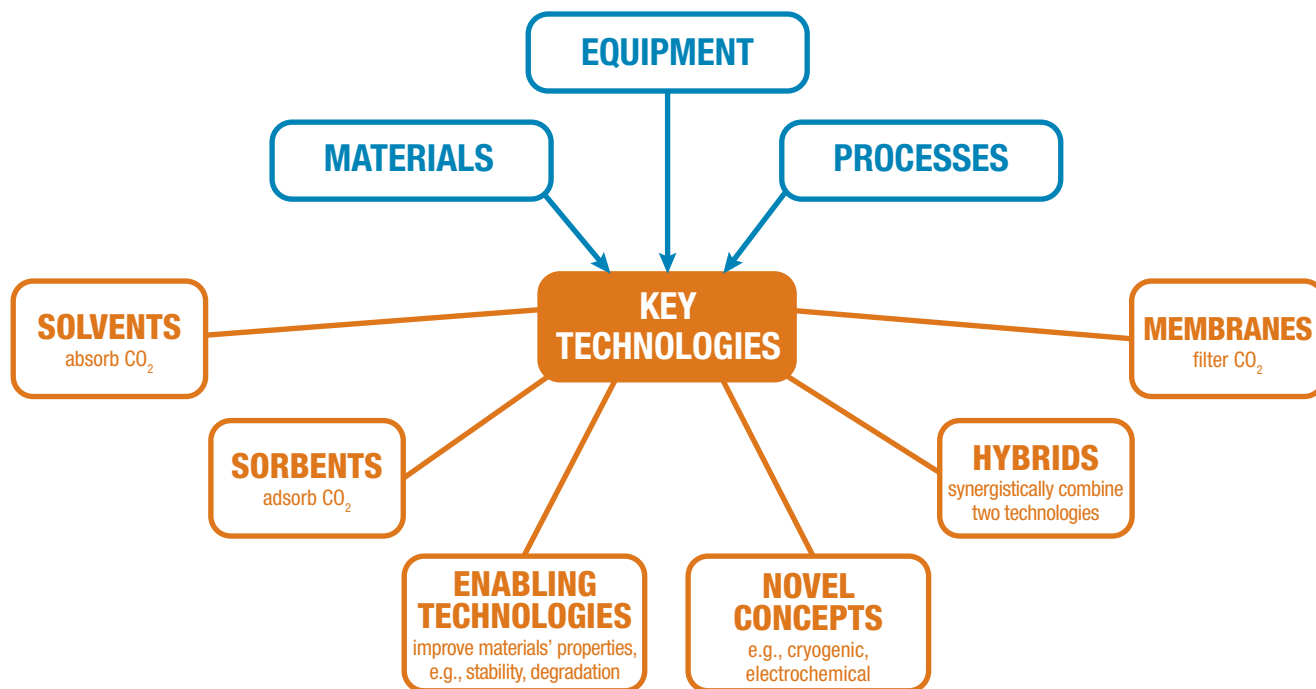
(e.g., hydrogen, cement, steel, ethanol)

15-98% CO<sub>2</sub>

Program Structure – Technology development risk reduction through support at progressive scale



## DEVELOPMENT PATHWAYS



U.S. DEPARTMENT OF ENERGY



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<https://netl.doe.gov/carbon-management/carbon-capture>

### POINT SOURCE CARBON CAPTURE CONTACTS

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