

Opening Remarks

Driving Innovation and Delivering Solutions

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U.S. DEPARTMENT OF
ENERGY



From yesterday.....

- Goal (paraphrased): Advance Basic & Applied Energy Research and to promote **university and NETL collaboration** for more efficient and environmentally friendly utilization of fossil energy resources.
- 15 Universities in the Coalition
 - Wide **Variety** of fossil energy **expertise** across the universities
 - Wide **geographic distribution** across the U.S.
- Impact: National university alliance with major **collaborative effort** with NETL to address specific topics of R&D in NETL's mission area

Alone we are smart. Together we are Brilliant.
– Steven Anderson

By the Numbers

3 labs across U.S.

1000+ R&D projects in 50 states

\$5.2B total award value

\$1.1B FY21 budget

Workforce

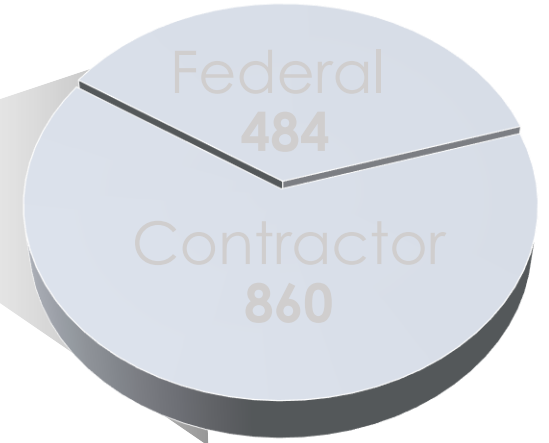
1,344 Full Time Equivalent Employees (FTEs)

34 Joint Faculty

28 Postdoctoral Researchers

33 Graduate Students

33 Undergraduate Students



NETL manages & implements an array of activities for multifaceted R&D programs

- Program planning, development, and execution
- Legal, financial, procurement and Head of Contracting Authority (HCA)
- Project management expertise

NETL Budget

FY2021 Budget \$1.1B

Advanced Coal & Carbon Management Program

Carbon Capture	\$126M
Carbon Utilization	\$ 23M
Carbon Storage	\$ 79M
Adv. Energy Systems	\$122M
Crosscutting Research	\$ 72M
STEP	\$ 15M
Transform. Coal Pilots	\$ 10M

Natural Gas & Oil Program

Natural Gas Tech.	\$ 57M
Unconvent. FE Tech.	\$ 46M

FE Program Support

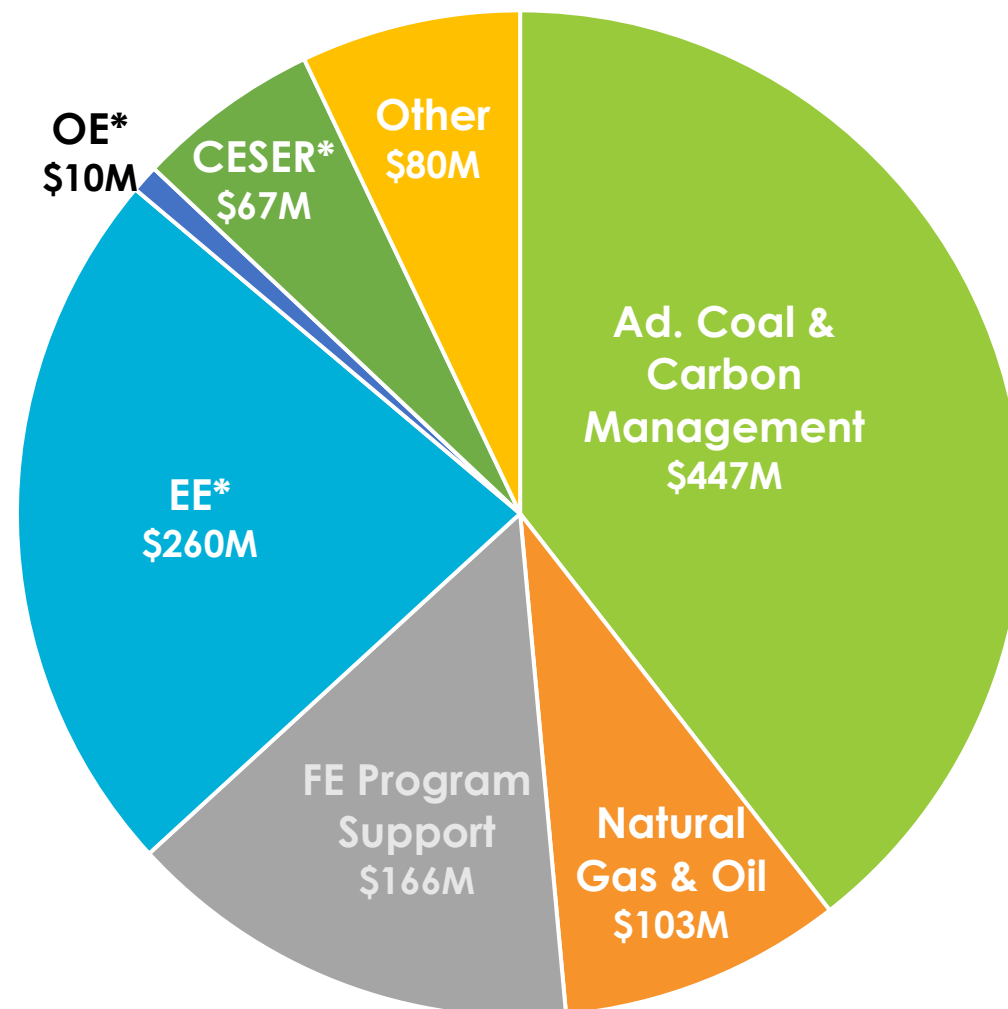
Program Direction	\$ 28M
NETL Research & Ops.	\$ 83M
NETL Infrastructure	\$ 55M

Non-Fossil Programs*

EE	\$260M
OE	\$ 10M
CESER	\$ 67M

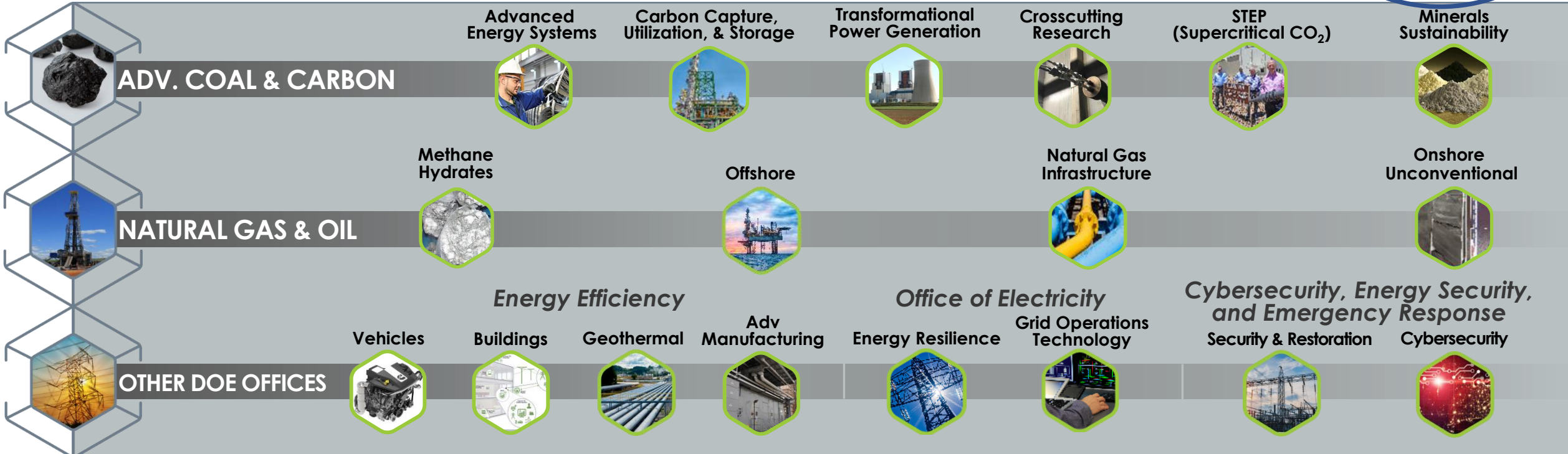
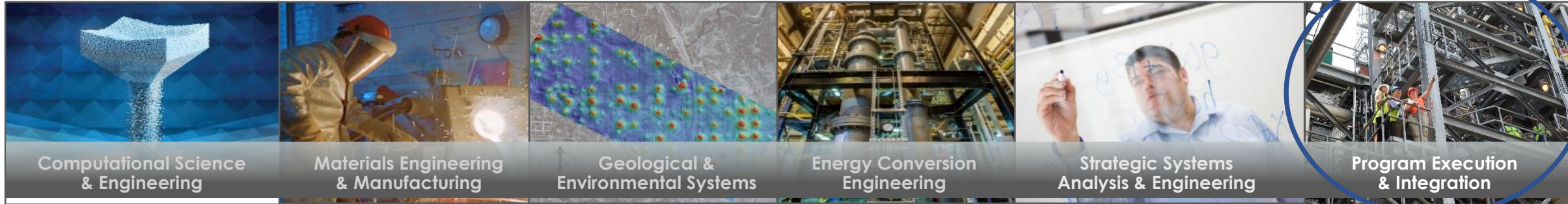
Strategic Partnerships

Other	\$ 80M
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*estimated and subject to change

Core Competencies & Technology Thrusts



Additional Opportunities



- Solicitations and Funding Opportunity Announcements (FOAs)
 - <https://netl.doe.gov/business/solicitations>
- Prizes and Challenges
 - <https://netl.doe.gov/challenges>
- Other Partnering Opportunities with NETL
 - <https://netl.doe.gov/business/partnerships>
- Laboratory Equipment Donation Grant (LEDP) Program
 - Acquire used energy related laboratory equipment
 - <https://netl.doe.gov/business/property>
 - <https://apps.orau.gov/LEDP/>

Thank You!

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