

ENERGY IN A CARBON CONSTRAINED WORLD

Innovating solutions to the world's most pressing energy challenges



Georgia Tech
Strategic Energy
Institute

 **6**
Colleges

 **28**
Schools

 **62**
University Patents FY17

 **>1,000**
Energy Researchers

 **~100**
Energy Related Labs

 **~\$100M**
Annual Energy Research
Portfolio



Policy & Economics

- Social-technical Analysis
- Energy Security
- National Security
- Energy Equity



Cybersecurity

- Hardware Vulnerability
- Malware Decomposition
- Encryption
- Specialized Tools



Analytics

- Internet of Things
- Equipment and Sensor Analytics
- Predictive Analytics
- Real Time Optimization



Systems Analysis

- Machine Learning
- Power Generation Application
- Advance Manufacturing
- System Informatics and Control



Nuclear



Energy
Efficiency



Carbon
Capture



Thermal



Social &
Environmental
Impact



Biofuels



Grid



Renewables

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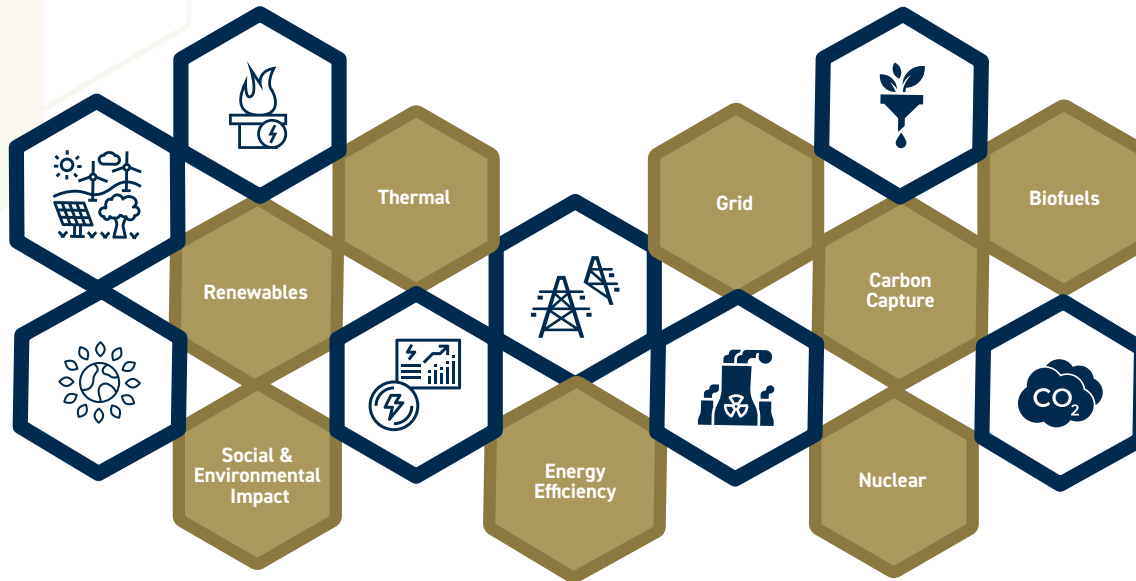


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