Energy Efficiency and Renewable Energy in the Industrial Sector

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Key Pathways to Industrial Decarbonization

Considerations:
- Advance early-stage RD&D
- Invest in multiple process strategies
- Scale through demonstrations
- Address process heating
- Integrate solutions
- Conduct modeling and systems analyses
- Community engagement

https://www.energy.gov/eere/doe-industrial-decarbonization-roadmap
Industrial Decarbonization: Grid Impact Management

- Coordinated grid build out and upgrades
- Co-location:
  - Access to green electrons
  - Low-cost storage
  - Access to raw materials
  - Access to existing infrastructure
Thank You!

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