



Technological Innovation for Coal Evolution

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- Coal Technology Innovation:
 - Low carbonization; IGCC
 - Flexibility; “Teamwork” for system integration

- CCUS needed in Two-fold:
 - Decarbonize fossil-fueled power
 - Maintain players in the arena of energy competition

- Evolution of Technology
 - Indifference to Purpose or Direction
 - Non-Consecutive or “Disruptive” Innovation