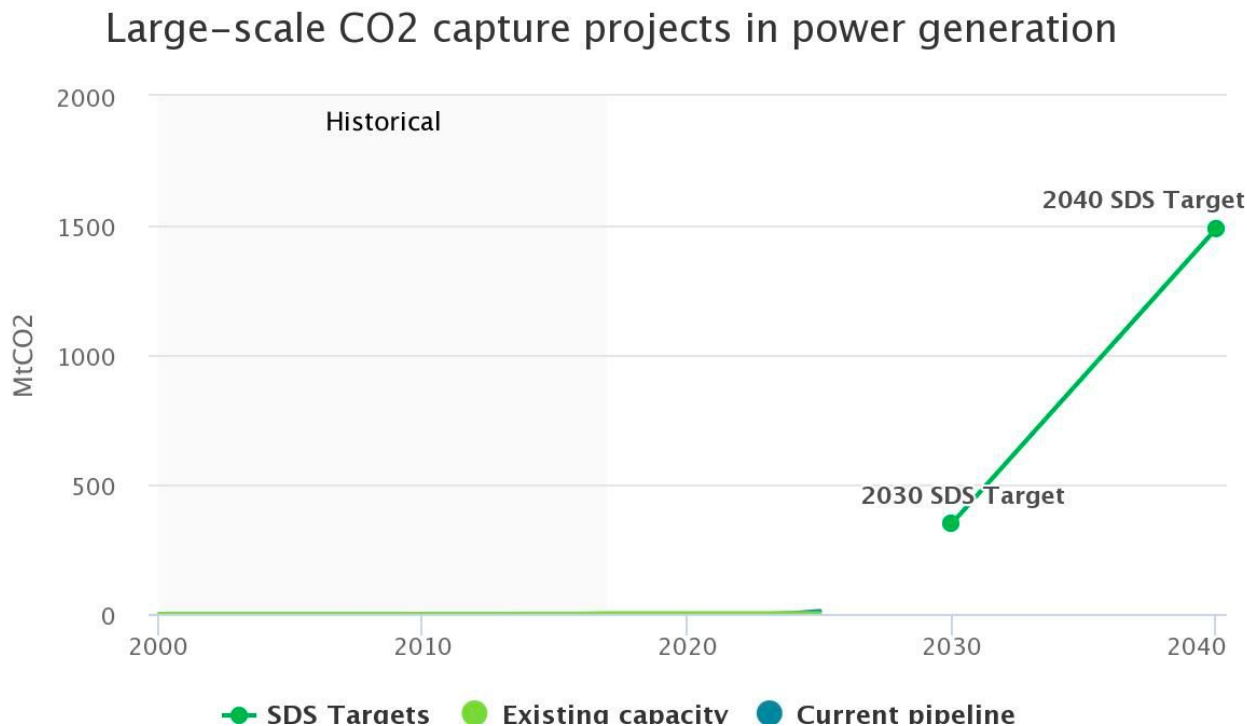




Project Proposal: Mapping US Power Plants Based on a Unique Carbon Capture Storage Ability Score

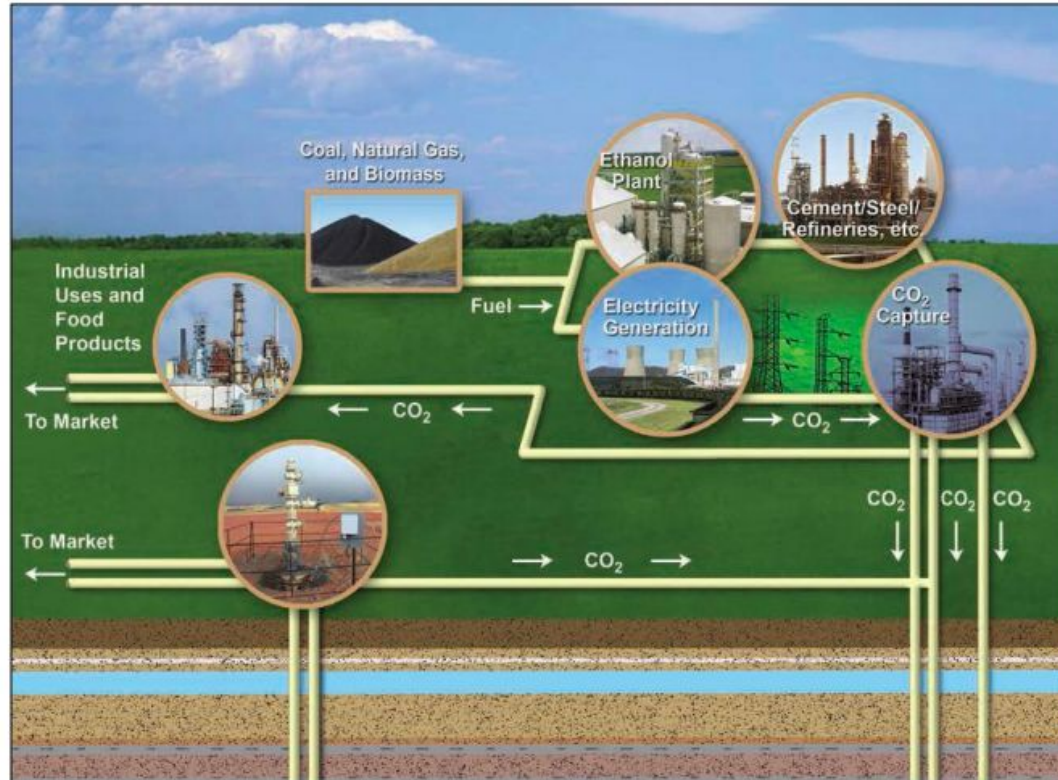
By: Lucas Kelly

Tremendous Need for Increased CCS Technology



Source: [iea.org](https://www.iea.org)

Carbon Capture and Storage (CCS) Background



Source:
Federation of
American
Scientists.org

Proposed Analysis and Goals



Be specific:

- (1) Identify top power plants ready to adopt CCS based on a scoring system. (Web scraping, API utilization)
- (2) Utilize Folium to produce an interactive map of all US power plants and their fit for adopting CCS technology. (Visualization)
- (3) A/B hypothesis testing on the increased power production and efficiency of plants utilizing CCS. (Analysis)

Exploratory Data Analysis



Have a memorable takeaway (technical and fun facts about my EDA thus far.)

Conclusion

