

A Strategic Approach to Facility Carbon Capture Planning

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Summary)

Organizations around the globe are considering many avenues to develop their path to net zero including carbon emissions reduction, carbon emissions capture and carbon offsets. This presentation discusses the results and insights of an emissions capture study which applied a structured Decision Quality approach to evaluate carbon capture projects in the face of carbon policy and technology uncertainty. The study was designed from an emitter's perspective, utilizing public data which was vetted in collaboration with the with the U.S. Business Council for Sustainable Development, to answer the following questions:

- What is current carbon policy in different regions, and how might it change?
- What combination of technology and associated costs are economically viable under different carbon policy scenarios?
- Under what conditions is carbon capture viable for different types of facilities?
- How can this approach be used to develop carbon capture strategy for a portfolio of facilities worldwide?