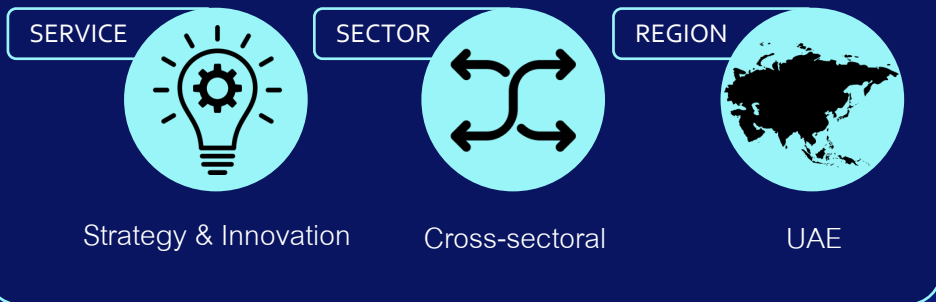


Carbon Dioxide Removal technologies



CHALLENGE

- Wanted to understand the different options for removing carbon dioxide from the atmosphere
- Needed a review and analysis of the key technologies and processes available to capture and store atmospheric CO₂

ACTIONS

- Outlined eight different approaches to carbon dioxide removal
- Researched their technological underpinnings, cost estimates, storage potential and permanence
- Provided an overview of each technology, the challenges to deployment and an estimate of the removal cost per tonne of CO₂
- Represented the technologies in informative infographic
- Delivered a heavily referenced report

RESULT

- The client used the insights to underpin a larger study on Dubai's potential as leader in carbon dioxide removal technologies
- Dubai now seeks to attract global innovators to develop and scale their technologies in the Emirate