Carbon Engineering

SAF from Atmospheric Carbon Dioxide – Carbon Engineering's AIR TO FUELS™ Process

Working together to catalyze solutions to climate change

PRESENTED TO
CAAFI Mini-Symposium

PRESENTED BY
Anna Stukas, VP Business Development

DATE
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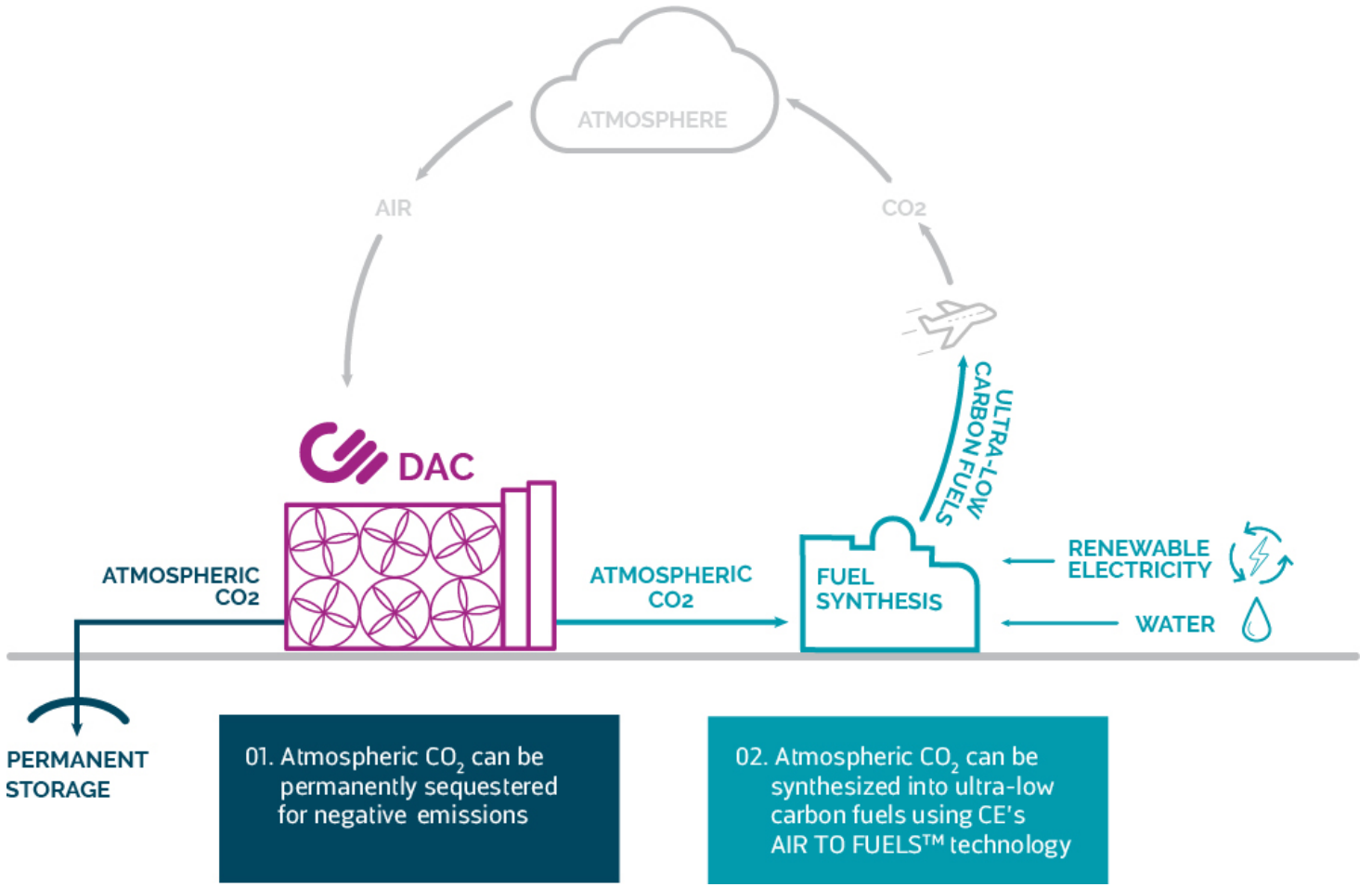
Carbon Engineering Brings Direct Air Capture (DAC) and AIR TO FUELS™ Technologies at Climate-Relevant Scale

- Permanent, climate-relevant volumes[1] of carbon dioxide removal (CDR) by capturing CO_2 from the atmosphere and safely sequestering it in the geosphere or durable carbon products

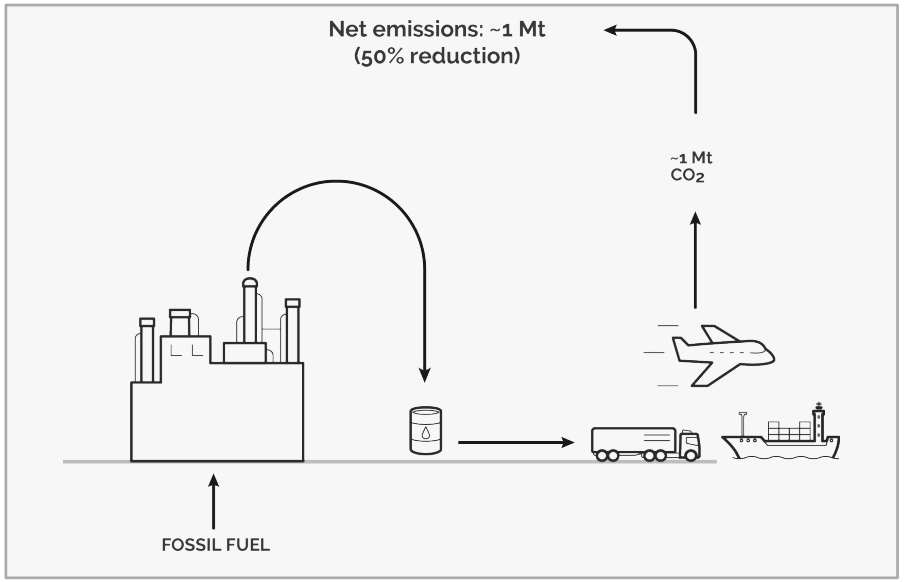
- Drop-in compatible, renewable synthetic fuels that significantly reduce the carbon intensity of transportation fuels by capturing and reusing atmospheric carbon



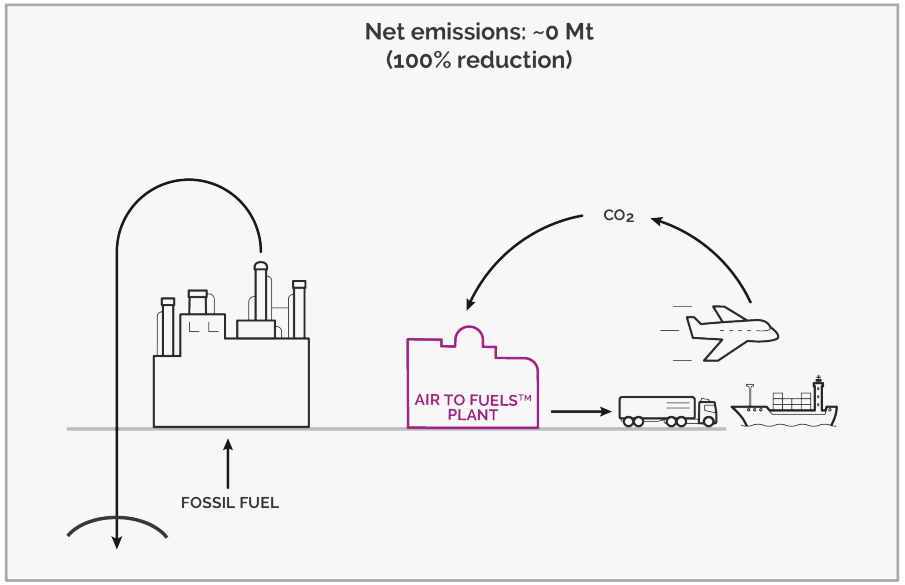
[1] Each standard, commercial CE DAC plant removes one million tonnes of atmospheric CO_2 per year, the equivalent of the work of 40 million trees

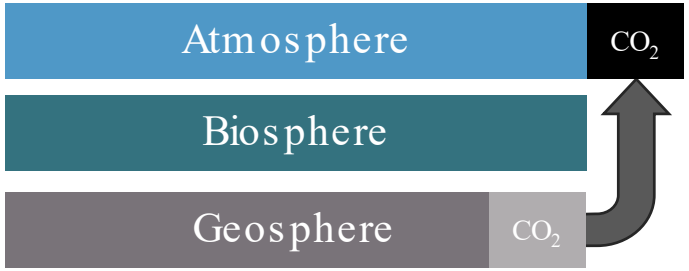
Why make SAF from Atmospheric Carbon?

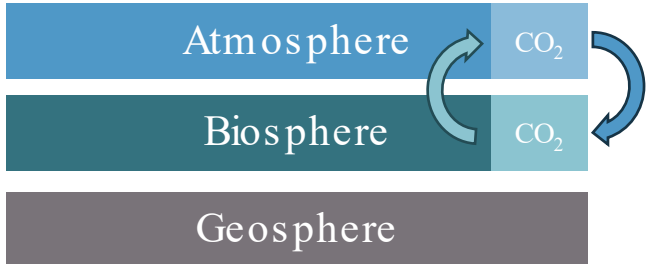
Recycled, reduction pathway



Renewable, net zero aligned







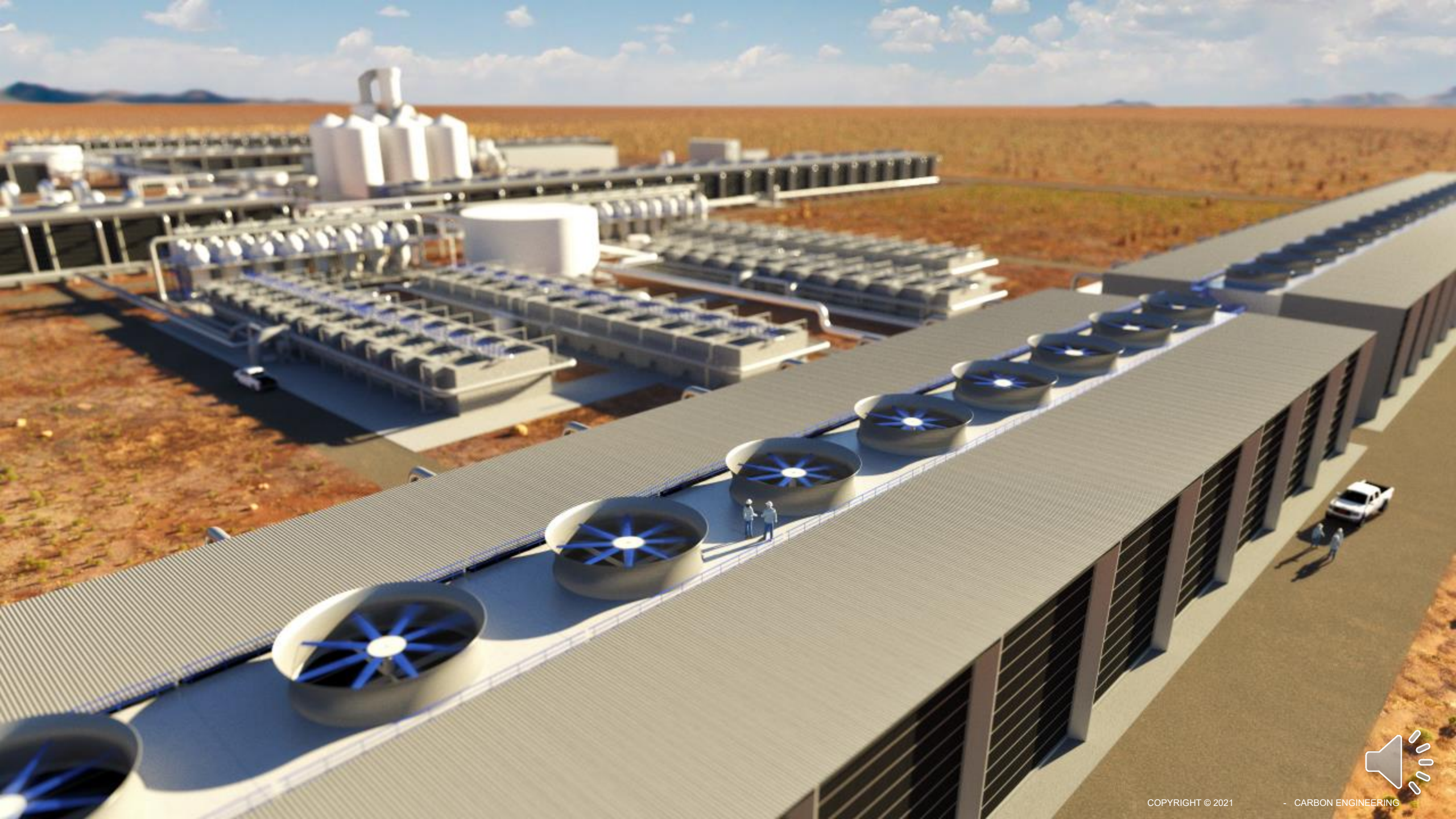
ATMOSPHERIC CARBON PROVIDES A PATHWAY FOR NET-ZERO ALIGNED SAF

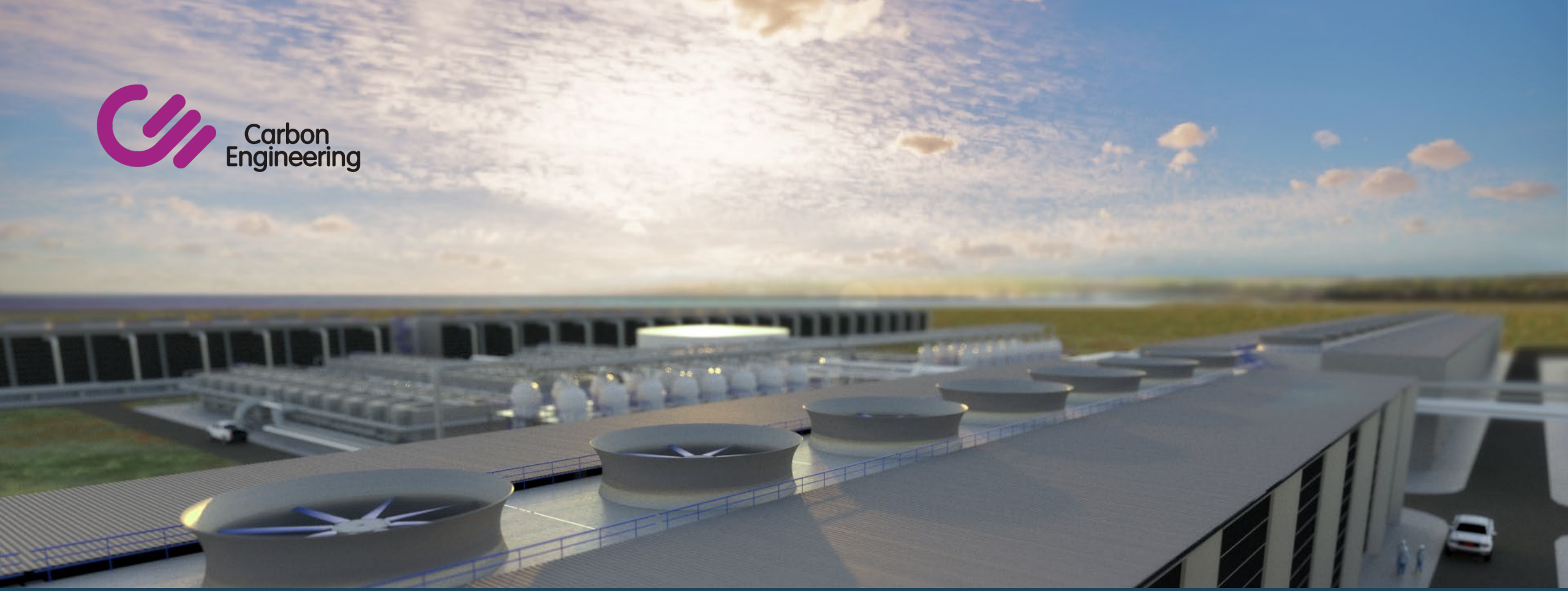
AIR TO FUELS™ Products

- Use of captured atmospheric CO_2 and renewable electricity produces a near carbon neutral fuel
- Refined into diesel, jet fuel or gasoline
- No conflict with other feedstock needs
- No sulfur, very low particulate matter and aromatic hydrocarbons
- Wholly compatible with all existing vehicles, ships and airplanes without modification

LOW CARBON, CLEAN BURNING

CE's fuel (right) compared to conventional diesel (left)





MORE INFORMATION CAN BE FOUND AT:

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