

# Carbon capture, utilization, and storage

We understand carbon capture (CC); the commercial context, what it means for the best solution, project outcomes, and financial returns and we have advised clients on a huge range of low carbon, renewable, and CC technologies.

## The issue

The transition from fossil fuels to net zero greenhouse gas (GHG) emissions is a significant challenge for all sectors. Carbon capture, utilisation, and storage (CCUS) is a key technology that may be set to play a major role in energy transition.

CCUS involves the capture of CO<sub>2</sub> from fossil or biomass-fuelled power stations, industrial facilities or directly from the air. The CO<sub>2</sub> is then transported (by ship, road, or pipeline) to either be used (applications include fuels, chemicals, and building materials) or stored permanently in underground geological formations (onshore or offshore).

## What we do

We have a market leading, full spectrum, power, renewables, and energy transition practice comprising more than 450 individuals across more than 50 offices. We have expertise in offshore wind, carbon capture utilisation and storage, and energy transition. We advise many clients on reducing their carbon footprint while ensuring regulatory and legislative compliance.

## Our impact

We have assisted many clients on reducing their carbon footprint, including:

- Advising BNP Paribas on a voluntary emissions reduction (VER) purchase transaction regarding the trading of international carbon credits issued pursuant to the Kyoto Protocol. The work involved cross-border collaboration between our London, Paris, and Jakarta teams, relating to the voluntary carbon offset program relevant to the project.
- Advising Ford in relation to multiple CO<sub>2</sub> pooling transactions with other automotive OEMs to secure regulatory compliance.
- Advising U.S. Steel and other clients on master trading agreements relating to mandatory carbon allowances (e.g., EU ETS allowances).
- Advising various clients on numerous green corporate PPAs (physical, virtual, and rooftop) including related certificate of origin trades.
- Advising Ofgem on regulatory policy implementation and related legal challenges, ranging from the rollout of smart meters to the first two CMA appeals.
- Advised U.S. Steel in challenges before the European Courts of the European Commission's decisions on allowances for CO<sub>2</sub> emissions in Slovakia in the context of the EU emissions trading scheme.
- Advised Iberdrola on agreements for the sale of power and green certificates as well as power distribution and grid connection agreements and agreements on providing services of a commercial operator.
- Advised Walmart in connection with its broad corporate commitments to reduce its greenhouse gas emissions through energy efficiency, renewable energy purchases, new technology development, and carbon trading.
- Advised a public benefit corporation on the design and structuring of its carbon offset trading program.



## Useful links

- [Climate Change](#)
- [Business Integrity Group](#)
- [Business Integrity and Sustainable Development](#)
- [Renewable Power](#)
- [Energy Regulatory](#)
- [Energy Legislation and Power](#)
- [Impact of COVID-19 on the Infrastructure and Energy Sector](#)



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