

# Integrated CCS Services

A single-point source for specialist CCS services

## Carbon Capture and Storage

Fossil fuels will continue to play a significant role in the supply of the world's ever increasing energy needs over the coming decades. If the CO<sub>2</sub> this produces is released into the atmosphere it will contribute enormously to worsening climate change. Carbon capture and storage (CCS) has the potential to prevent this, without affecting energy delivery, by capturing CO<sub>2</sub> and storing it underground.

CO<sub>2</sub> emission levels must be reduced quickly if climate change is to be effectively combated; so the nascent CCS industry is a new solution to a pressing problem and must develop rapidly if it is to fulfil its potential. Whilst technological advances are essential for this development, a new set of legal and regulatory frameworks, commercial and contractual agreements, market arrangements, and associated professional services are also required.

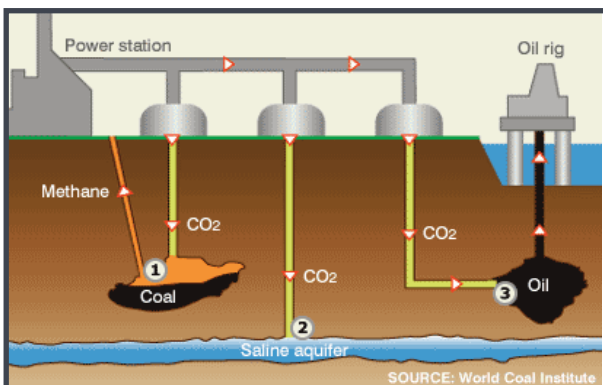
Initially, the feasibility of CCS on a commercial scale will be demonstrated mainly by the electricity generation industry, but, as the financial incentives to reduce CO<sub>2</sub> emissions increase, the economics of CCS will become increasingly compelling for all large CO<sub>2</sub> emitting industries. Therefore, the physical, commercial and regulatory infrastructure which is now developing will affect a wide range of industries, and will present opportunities to an even wider range of businesses, as the application of CCS spreads.



## Integrated CCS Services

Integrated CCS Services is a collaboration which brings together the necessary skills and experience to provide all of the key professional services required by those investing in CCS, underpinned by a thorough understanding of the technical and regulatory aspects of the electricity, process and upstream oil & gas industries.

The organisations that make up Integrated CCS Services all have long track records of providing professional services to one or more of the key industries in the CCS chain and believe that their combined expertise, coupled with the advantages which their established close working relationship brings, offers a unique single-point source of CCS project professional resource.





## What does Integrated CCS Services offer?

Integrated CCS Services offers a comprehensive set of professional services for anyone getting involved in CCS, combining the expertise of Martineau, Yellow Wood Energy and Arup to provide:

- Energy experts, with a genuine specialist interest in the developing CCS industry;
- In-depth experience across the whole range of the CCS industry, from electricity generation to on-shore and off-shore transportation to gas storage and oil and gas;
- An integrated service, with strong, established working relationships, to provide an unrivalled breadth of expertise in CCS;

### The areas in which Integrated CCS Services specialise include:

- The policy, legal and regulatory frameworks affecting CCS projects;
- Regulated and non-regulated market arrangements for the trading of energy and carbon;
- CCS project economic and commercial evaluation;
- Identification, assessment and mitigation of commercial, contractual and regulatory risk in CCS projects and investments;
- Negotiation and procurement of onshore and offshore licenses, leases, wayleaves, easements, authorisations, permits and consents;
- Assistance with negotiation and drafting of commercial agreements, construction contracts and service contracts.

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Yellow Wood Energy is a specialist consultancy providing policy, strategic, regulatory, commercial / market economics and project evaluation services to public and private sector clients within the energy and CCS industries.

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