Your project needs. Our trusted solutions.

World leading expertise supporting Carbon Capture, Use and Storage projects

AGR has been involved with CCUS projects for nearly two decades. During this time we have worked with Operators and various government bodies globally supporting them in their drive to reduce CO₂ emissions and address the environmental changes.

AGR’s role throughout has been to provide expertise within geoscience, reservoir and drilling disciplines, in addition to compliance, HSE, facilities and cost engineering.

As an independent technical advisor, we have supported our clients in:
- feasibility studies including Petrophysical, Geophysical, Geomechanical and Reservoir Engineering support and modelling
- CO₂ injection for enhanced oil recovery
- subsurface characterisation evaluation of potential CO₂ storage
- assessment and mitigation of the risks associated with CO₂ leakage
- drilling, completing and injection tests of CO₂ wells
- developing regulatory framework for safe and sustainable management of CCUS facilities.

From subsurface evaluation to the drill bit - AGR is a market leader in CCUS solutions.
CCUS projects that AGR have worked on

- **NPD** - quantifying the potential in Oseberg Øst to achieve enhanced production with CO₂ storage
- **Co-authoring with NPD** - the CO₂ Storage Atlas of the Norwegian Continental Shelf
- **Advising Gassnova** who facilitates the Norwegian government participation in the **Northern Lights** project - Europe’s first potential commercial full scale CCUS facility
- **Norwegian Petroleum Directorate (NPD)** - evaluating the effects of CO₂ storage in the Utsira formation
- **CarbonNet** - Evaluating and Managing the first offshore CO₂ appraisal well
- **Dep of Energy and Climate Change (DECC)** - reservoir and wells advisor during the competitive tendering process for the CCUS
- **Department of Mines, Industry Regulation & Safety (DMIRS)** - designing a conceptual well and providing relevant costing in Harvey Shire for the onshore South West Hub CCUS project
- **Krechba gas field, In Salah** - evaluating the results of successful storage of CO₂ on behalf of JIP (Equinor, BP and Algeria’s National Oil Company Sonatrach)
- **Performing pore pressure estimation, well integrity analysis, in-situ stress state analysis and reservoir geomechanics modelling on five candidate CO₂ storage sites**
- **A programme for CCUS stakeholders** - assessing the risks associated with CO₂ leakage from injection wells with subsequent mitigation steps
- **ZeroGen (Government of Queensland)** - overseeing a drilling investigation programme, environmental and HSEQ compliance as part of the IGCC with CCUS project