



# Quicker, Easier, Better

– unleashing a digital revolution in energy

Data transparency and information-sharing among the global energy industry will be possible on a previously-unimaginable scale following the launch of the new **OGA National Data Repository (NDR)**.

The NDR has added more information and engineered far greater accessibility to provide a service that will assist better and quicker decision-making for colleagues in whatever field they are working across the industry.

More than 100 terabytes of data is now able to be reviewed before downloading, a further 400TB will be uploaded in the coming months. This will ensure the right information for vital investment decisions on matters including exploration, production and the energy transition can be obtained quickly.

Creating an account and viewing data online is free of charge to all and organisations can now download up to three TB of data every month without charge. The NDR can now help to power the UK economy and maximise the efficiency of the UK Continental Shelf.

Unlocking more than 50 years of data for better informed decision making on our energy future.





The benefits of the NDR span industry, government, academia, and society as a whole. These benefits include:

- **Enhancing:** The NDR will add 4,000% more data or 4,000 terabytes of new data over the next five years equivalent to about 1.6 million hours of HD video. That will provide a much clearer view of what's happening under our seabed and highlight opportunities for energy projects.
- **Exportable:** This information is open to anyone, anywhere, immediately. Large volumes can be downloaded easily (registered organisations can download up to three terabytes a month free) and shared anywhere. All data will be uploaded to standard formats so it can be analysed quickly and easily.
- **Enabling:** The OGA fully supports the UK and Scottish governments' net zero greenhouse gas emissions targets and the North Sea Transition Deal. By enabling a much greater understanding of the opportunities for CCS projects, the NDR is offering highly valuable, high-quality data gathered over many years by the oil and gas industry to support the transition.
- **Efficiency:** Thousands of terabytes of data in an easily accessible online archive will enable better informed decision-making. Cloud-based technology eliminates the need for physical storage and reduces costs. This avoids wasting time making unnecessary copies. Downloads can also be done directly online without the need to order.
- **Empowering:** Much greater access to more than 50 years' worth of information will empower better informed decision-making underpinned by reliable data. This will benefit project plans, financial investment opportunities and wider visibility to the general public.
- **Educational:** The NDR provides unique global access to information on historic and current activity below the seabed in UK waters. This information provides greater transparency for the next generation of geoscientists who will be crucial in meeting society's future challenges.
- **Effective:** Data is available to anyone, anywhere, at the touch of a button.
- **Exploration:** The NDR will help unlock the potential for CCS and oil and gas opportunities in UK waters. Seismic information, geology, reservoir characteristics and well logging data will help companies make the most of those opportunities while providing understanding on which locations may be suitable to use for carbon storage.
- **Energy:** The huge volume of data available through the NDR will help to open up projects previously thought cost-prohibitive. It will provide previously unobtainable insight for academia. It will deliver data-based justifications for new technology development in energy.
- **Economy:** The energy sector is vital to the UK's balance of trade. In 2019 it contributed 2.5% of GVA, and 177,000 people were directly employed in the industry. As the energy transition sees employment opportunities move from oil and gas into renewables, the insight offered by the NDR will help to facilitate decision-making and reduce risk, and both extend traditional activity in the UKCS and encourage investment in new CCS projects.