

Transforming Information Management



Making the right business decisions with limited or uncertain information, improving data quality, and enhancing the sharing and storage of information are just some of the issues impacting today's E&P professionals.

Do you have all the information you need? When you need it? Can you trust it?

The answer is out there, but you are presented with a chaotic mix of information formats, record types, media and sources. Meanwhile, the time available to analyse the data, make decisions and get results is getting shorter.

Your challenge is our business

Fugro Data Solutions (FDS) is one of the world's most experienced and respected information management organisations focused exclusively on the E&P business sector. We work with clients on a global basis to integrate and simplify the management of their E&P information environment, so they can focus on their core business.

Given our exclusive focus on the E&P business sector, our information management professionals possess specialised knowledge and a unique understanding of industry specific information and trends.

Discover Fugro for:

- Knowledge & expertise
- Intelligent storage
- Data conditioning
- Applied technology
- National initiatives

Whether you're a start up exploration company or an established player, maximise your business success with information management solutions from Fugro.

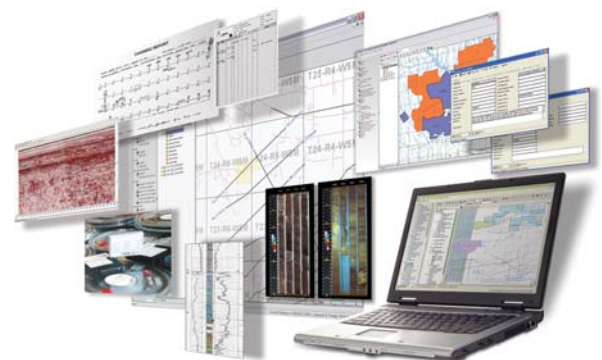
FDS has more than 350 personnel dedicated to serving the oil and gas industry, backed by over 15,000 employees worldwide.



Make the best decisions with all available data and insight



Leverage technology to reduce risk and improve performance



Integrate your physical and digital worlds into one common view



Transforming E&P Data Management

Knowledge & Expertise

Managing upstream E&P information is a common difficulty facing both startup exploration companies and large multinationals alike.

Drawing upon its extensive industry knowledge Fugro's advisory services focus on the clients' most critical issues and opportunities: strategic, commercial and technical aspects of upstream information management and ultimately how this process supports operations and the bottom line.

Our expertise has been forged on projects with clients across the globe. Our services are successfully delivered over many projects including:

- Data management audit
- Database audit, reconciliation & standardisation
- Work flow/data flow mapping
- G&G applications & database support
- Training services
- Outsourcing
- Project management

Intelligent Storage

Upstream E&P companies invest heavily every year in acquiring and processing data. This data continues to provide value to oil companies for years, often decades.

From rocks to records, boxes to bytes, Fugro can store, preserve and ensure dynamic access to your information assets.

Fugro's resources include highly secure, environmentally controlled facilities designed to protect your information assets in perpetuity.

E&P information management is changing as the industry moves towards a digital age. Fugro is leveraging its significant knowledge to preserve and manage E&P information assets with demonstrable online solutions.





**GLOBAL ORGANISATION
EXTENSIVE E&P EXPERIENCE
HIGH QUALITY RESOURCES
ABILITY TO EXECUTE**

Data Conditioning

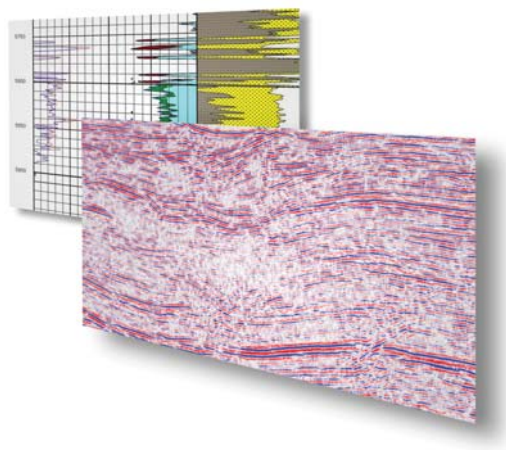
Upstream E&P companies are presented with a wide mix of information formats, media, and sources. This fragmentation makes it difficult to retrieve information efficiently.

Fugro can convert physical records and asset data that is on legacy media into today's digital format so they can be accessed and distributed more easily and cost effectively.

Our areas of expertise include:

- Scanning & imaging
- Well digitising, curve editing & depth matching
- Formation evaluation
- Seismic vectorising & processing
- Map digitisation
- Data verification
- Data loading

Fugro has tremendous knowledge of and experience with international datasets and is the UK's official data release agent for the Department of Energy and Climate Change (DECC) and the only release agent for pre-1992 2D offshore seismic sections and produced fluids.



Applied Technology

The technology foundation for information management continues evolving to provide integrated and innovative solutions that have real and measurable value to the business sector.

Fugro's technology based solutions capture metadata on your information assets and make it available to users via web-based tools making it far easier to manage, search, order and distribute quality information assets on a global basis.

Enhance availability, control and protection of E&P data:

- Data management software
- Web services & portals
- Online data viewing
- GIS services & solutions
- Customised software & database development



Transforming Information Management

National Initiatives

The natural resources of a country contribute significantly to its economic wealth and the strategic protection and maximisation of the value of them is politically significant.

In order to quantify, understand, analyse, protect and gain maximum sustainable value from a country's natural resources it is necessary to gather and make available relevant data and information. This is commonly achieved through the creation of a national data repository (NDR). More than just an archive to protect the data and information, the NDR enables the data to be rapidly retrieved, viewed, interpreted and transformed into information and in turn information into knowledge. Initiating, building, populating, operating and improving an NDR is a complex process with fiscal, legal and technical implications.

Fugro has provided information management consultancy, services and solutions to a global customer base ranging from leading blue chip companies and national governments, including advisory services for planning physical and digital storage environments, provision of hardware and software, training, as well as the management of third party contracts, all covering the full range of petrotechnical information.

