



EXCELLENCE IN ENERGY EXPLORATION



EXPLORATION, PRODUCTION, INNOVATION

# SERVICES OVERVIEW

# THE EPI GROUP

EXCELLENCE IN ENERGY EXPLORATION

The EPI Group is an international oil & gas consultancy comprising a highly experienced, multi-disciplinary team of dedicated professionals with a proven track record in field operations and subsurface technical excellence.

Established in 1987, EPI has rapidly grown to become a global leader in exploration services to the oil & gas industry. Our four divisions offer solutions across the full asset life cycle, including seismic acquisition design and QC, seismic processing and subsurface interpretation. Specialising in the latest technology and techniques, we help our clients overcome challenging projects around the globe.

At EPI we pride ourselves on our exceptional ability to deliver quality, innovation and success to add value to your exploration and development projects.

# APPLIED GEOPHYSICAL SOLUTIONS™

**EPI's Applied Geophysical Solutions™ Division assists clients in developing work programs and derisking strategies for numerous play types, globally. We ensure the subsurface response to the geophysical methodology will support your imaging requirements and assure our solutions are not only geophysically correct, but offer an excellent level of interpretability.**

## Survey Design

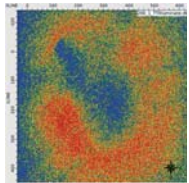
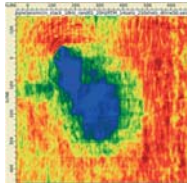
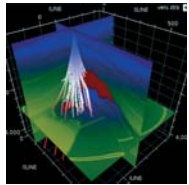
- We utilise a subsurface derisking based methodology, so appropriate properties and attributes can be identified – We don't just focus on the image, we give you a robust solution
- We can undertake a full suite of forward modelling methods from raytracing to visco-elastic Finite Difference for illumination studies to synthetic gather generation. Point spread function inversions and demigration are also used or 'fast' survey simulations

## Data Processing

- We offer bespoke testing and sequence development, along with small volume production processing – We provide a truly individual processing service
- Our pre-processing includes advanced statics, denoise and de-multiple techniques such as 3DSRME, WEMA and Inverse Scattering Series type

## Tendering & Contract Development

- Our services include market evaluation and expressions of interest (EOIs)
- We can provide full tendering, along with local & national law compliance, following best industry practises





# OPERATIONS

The Operations Division provides a broad range of services and technical specialists with the capabilities, experience and expertise to add value, reduce risk and ensure greater operational success to our client's work programs. With over 2000+ projects completed across 30 countries, we have a proven track record of supporting our clients' with specialists who understand the requirement to deliver safe, efficient and high-quality results in any environment.

We tailor our services to meet the specific needs of our clients and their projects using in-house knowledge and experience to ensure we add value, de-risk and exceed your expectations.

#### Our globally recognised core operational strengths are:

- Geophysical work programme development, including survey design, modelling and optimisation
- Land, marine and transition zone geophysical project Quality Control, Technical & HSSE audit
- Geophysical operations project planning and management
- Marine high resolution geophysical and hydrographic site investigation
- Bespoke seismic data processing, management & QC of production processing and field QC processing
- Environmental services (impact assessment, verification, mitigation and management)
- Land access and permitting, including feasibility studies

We also offer a suite of training services tailored to meet the specific needs of our clients.



## TRACK RECORD

EXPLORATION, PRODUCTION, INNOVATION

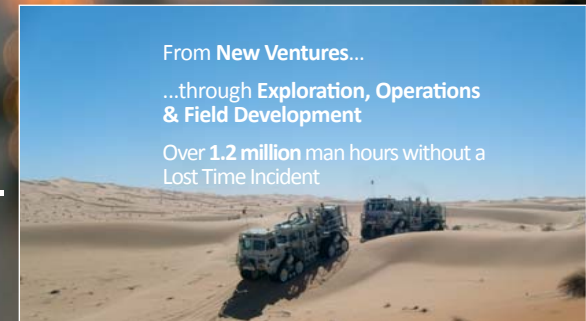
Over **2000** projects completed  
>**65%** exploration success rate  
Assisted clients to raise over **\$960MM**

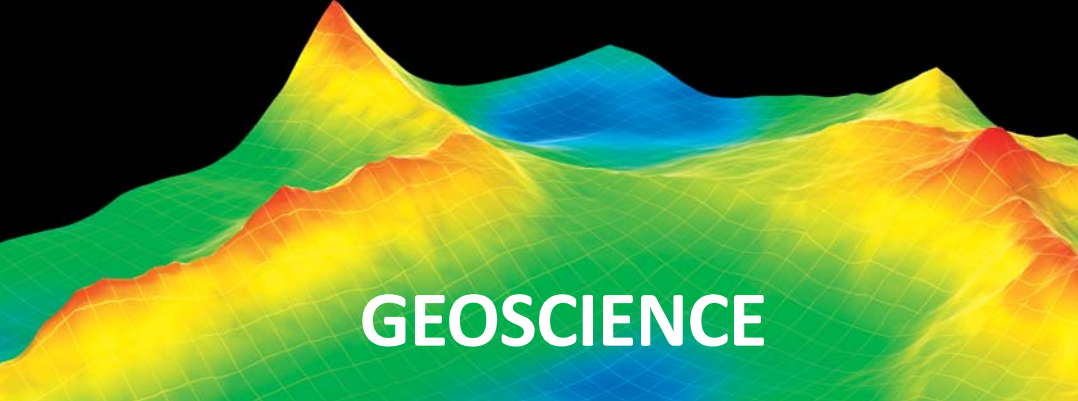


Operated **24** Blocks for clients...  
**92%** project farmout success  
**28** assets added to clients' portfolio



From **New Ventures...**  
...through **Exploration, Operations & Field Development**  
Over **1.2 million** man hours without a Lost Time Incident





The Geoscience Division is a leading provider of exploration, appraisal & development services, with more than 20 years' track record adding value through delivering geoscience excellence and innovation to clients and partners worldwide. Our multi-discipline team have deep technical expertise in the analysis of both conventional & continuous resource (unconventional) plays.

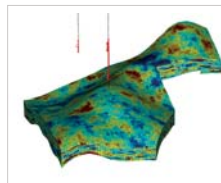
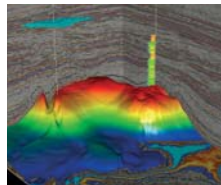
At EPI, our focus is on value addition, through fit-for-purpose analysis of the data and developing targeted bespoke workflows to efficiently address our clients' exploration, appraisal & development challenges.

#### Full Spectrum of Geoscience Services

- Seismic Interpretation & Mapping
- Prospect Inventory & Resource Evaluations
- Quantitative Seismic Interpretation
- New Ventures / Due Diligence / Basin Screening
- Play Fairway Analysis
- Structural Geology
- Sequence Stratigraphy & Sedimentology
- Charge / Basin Modelling
- Geochemistry
- Fieldwork (rigorously exploration focused)
- Potential Fields

#### Integrated Field Development Services

- Seismic Sequence Stratigraphy & Facies Modelling
- Core Analysis & Logging / XRD Facies / Petrography
- Reservoir Modelling, History Matching & Forecasting
- Petrophysics
- Reservoir Engineering
- Performance Engineering Optimisation

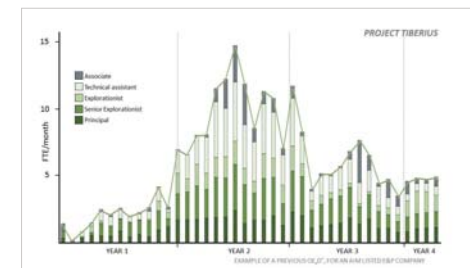


Through the Outsourced Exploration Department™ (OExD®) model, our dedicated team of professionals execute the strategy. We have a proven capability and track record to act as a ready-made E&P department, integrated within the client's organisation, with a track record of value creation through new ventures, exploration, operatorship, appraisal & development.

#### The OExD® Model – An innovative strategic partnership

- Flexible and scalable resource with certainty of supply
  - Ready-made, full spectrum, exploration and production division
  - Scalable and overlapping asset teams
  - Alignment with corporate objectives for the long-term
- Reduced G&A costs
  - One umbrella contract
  - Single point of contact
  - Strong cost control
  - Reduced software charge

The OExD® model provides a cost-effective and very high quality multi-discipline exploration team, allowing clients to efficiently access world class expertise, with certainty of capacity, delivered in a scalable, flexible and cost effective way. OExD® enables management teams to focus on core functions, company strategy and growth, whilst the OExD® team executes the strategy.



The OExD® Model is fully scalable and flexible as demonstrated by the chart above which shows real data from a OExD® relationship

