LEAP Energy offers a full range of integrated E&P consulting solutions, from exploration, appraisal, field development planning, well drilling and completions to reservoir management and production optimisation. We also provide commercial support for A&D and portfolio valuation activities.

VISION
To be the preferred consultancy for high-end integrated subsurface and development projects.

OBJECTIVE
To provide high quality technical and project management expertise: deploying best practices of opportunity realization, advanced geo-modelling and uncertainty management techniques; embracing novel technologies in reservoir characterisation; seismic interpretation and reservoir modelling.

OUR TEAM
To achieve these goals, LEAP Energy has built a strong, competent and growing team of professionals to fulfil the client’s needs and to build a track record of excellence. Our staff have been carefully selected with a view to building a group of strong team players with the right skill sets, broad staff wide capability with specific technical excellence and unique expertise.

EXPERIENCE
LEAP Energy has an extensive experience in the South-East Asia Oil and Australasian regions. However, our consultants have worldwide experience gained in a variety of settings and regions.

With operating offices in Kuala Lumpur, Brisbane, Perth and Bucharest, representative offices in Oman, India and Indonesia, LEAP Energy is an international subsurface consulting and technology delivery group with over sixty staff and associates. Our clients and projects span South-East Asia, Australia, the Middle-East, Europe and North Africa.

LEAP Energy provides subsurface consulting and software technology development services for the oil and gas industry. In particular, we provide expertise in difficult hydrocarbon recovery, fractured and complex reservoirs, and enhanced oil recovery. We are also experienced in unconventional resources (coal-bed methane, shale gas, geothermal) and integrated field studies.

We have developed expertise in reservoir modelling of geologically complex settings, where full integration of seismic, static and dynamic data is essential.

We are providing services to both IOCs and NOCs.
Services

RESERVOIR STUDIES
- Advanced static and dynamic modelling
- Area and Field Development Planning
- Full Field Reviews

EXPLORATION SERVICES
- Basin and migration studies
- Prospect maturation and portfolio optimisation
- New ventures and acreage evaluation

PRODUCTION OPTIMIZATION
- Reservoir management
- Production technology services
- Flow assurance

SUBSURFACE SPECIAL STUDIES
- Fracture modelling studies
- Advanced Geophysics and Quantitative Interpretation

ADVISORY
- Asset & Corporate A&D, Independent Valuation
- Competent Person Reports, Unitisation and determination
- Reserves Auditing and Certification Support
- Unitisation and Expert Services

WELL AND COMPLETION ENGINEERING
- Drilling and Completion Design
- Well management and planning
- Assurance and cost benchmarking

FACILITIES ENGINEERING
- Surface facilities front end design
- Cost and schedule analysis
- Assurance and cost benchmarking

TECHNOLOGY PRODUCTS AND SOFTWARE DEVELOPMENT SERVICES
- Unconventional resources modelling and forecasting (DOT.CBM)
- Mature oil field solutions (POSEIDON suite)
- Customised applications for clients

VALUE ASSURANCE SERVICES
- Project reviews, peer-assists
- Portfolio analysis, business consulting services
- Technology Advisory

TRAINING SERVICES
- Field Development Planning, Advanced Reservoir Modelling
- Production Technology
- Uncertainty Management

How we work
Our consultants work closely with you to ensure that project results are consistent with your business plan and strategy. To do this, our team of skilled geoscientists, engineers, project managers and others focuses on technical, technological and project management solutions to meet your needs. We will deliver quality and timely results and help your organisation achieve its goals.

A partner at all stages
Our services extend throughout the E&P lifecycle, and we’re able to add value at all stages:
- Exploration and prospectivity assessment
- Appraisal planning and execution
- Field Development Planning
- Reservoir management
- Producing assets optimisation
- Reserves bookins
- Acquisitions and Divestments

Global Solutions
Local Applications
Throughout the years, we have developed workflows tailored to our client’s needs. We offer a suite of skills and technologies that provide our clients with a more accurate understanding of their reservoirs using the most advanced mapping, 3D modelling and dynamic simulation techniques. We bring creative solutions to the table and we understand the importance of meeting deadlines.
Overview of Recent Projects

Over the years we have accumulated a wealth of subsurface project experience. We have delivered specialist project solutions to clients worldwide.

170+ PROJECTS SUCCESSFULLY DELIVERED SINCE 2008

Exploration and Appraisal
- CBM Portfolio Appraisal and Resource Maturation
- Venture Feasibility Assessment
- Appraisal Program Development
- Deep Play Exploration Scouting
- Near-Field Potential Resources Assessment
- Marginal Oil Field FDPs
- Deep Water Gas Field FDP
- Deep Water Producing Oil Field FDP Update
- Stacked Condensate Gas Field Development Plan
- Carbonate field development studies
- CBM Field Development Concept Select
- Deepwater Reservoir Modelling and FDP support
- Offshore Shallow Clastics Development Plan
- Area Development Plan – Group of Discoveries, Offshore
- Deepwater Reservoir Modelling Support
- Producing Oil asset Acquisition Review
- Asset Acquisition Due Diligence
- Asset Framing
- Producing CBM Field Production Analysis
- Basin CBM Production Performance Benchmark
- Deepwater Field Production Review
- Resource Assessment for Portfolio of Discoveries
- High-level Master Development Plan review
- Sour Gas Mega-project
- Review/Acquisition Support

Wells, Facilities and Operations
- Wells and Completion peer-assist
- Turn Down Capability Assessment and Test Design
- Infill Drilling Campaign Planning, Shallow and Deepwater Fields
- HPHT well concept review
- Field Production Review
- Marginal Field Development Planning
- Asset portfolio ranking and Development Optimisation
- New Play Assessment, regional benchmarking
- Locate The Remaining Oil and production optimisation identification
- Idle well rejuvenation
- Low pressure system implementation

Difficult Hydrocarbon and Unconventionals
- Techno-Commercial Advisory: Independent reporting and Reserves Audit, others
- Techno-Commercial Advisory M&A support services
- Mature field optimisation

Production Optimisation
- Techno-Commercial Advisory
- Independent reports and CPR (domestic and international fields)
- Independent reserves assessment
- Reserves evaluation and auditing support
- Exploration Strategy and Bid Review
- Take-over defense documents
- Unitisation and ITP expert assessment
- Country entry strategic review
- Country Entry and Dataroom Support
- Mature Field Farm-in Support
- Company Acquisition Due Diligence
- Multi-asset mature field acquisition due diligence
- Onshore mature 1000+ wells Water Flooding Optimization
- LTRO activities

Extensive Experience

Leading Partners in Integrated E&P Solutions

over 80 clients
over 20 countries
over 170 projects worldwide

www.leap-energy.com
80+ SATISFIED CLIENTS WORLDWIDE
NEAR 100% REPEAT BUSINESS

- AGL Energy
- AGR Group
- Albers group
- AP Bizlink
- Arrow Energy
- Australia Pacific LNG
- AWE Limited
- AWE Malaysia
- Black Sea Oil & Gas
- NIOC
- Carbon Energy
- Carigali Hess/Mutiara Petroleum
- Dragon Oil
- Dept. of State Development, Business and Innovation (DSDBI), Victoria (Australia)
- Earth Solar Power
- EnQuest
- GLNG
- Hess Indonesia
- Hess Oil and Gas Sdn. Bhd.
- Hexagon Gas
- Hibiscus Petroleum
- IKON Energy
- INSTEP
- JX Nippon Oil & Gas Exploration (Malaysia) Ltd.
- KOGAS
- KrisEnergy Ltd
- KrisEnergy (Gulf of Thailand) Ltd
- Lundin Petroleum
- Mandala Energy
- Maska Energy (SPD Drilling)
- Mazarine Energy BV
- Metgasco
- MMC Oil & Gas Engineering Sdn. Bhd.
- Mubadala Petroleum
- Mubalada Petroleum Thailand
- Murphy Sabah Oil Co. Ltd.
- Murphy Sarawak Oil Co. Ltd.
- New Zealand Petroleum & Minerals (NZP&M)
- Newfield Exploration Company
- NuEnergy

- OMV Petrom S.A.
- Ophir Energy plc
- Ophir Production Sdn. Bhd.
- Origin Energy
- Packers Plus
- Pearl Energy
- Petrofac
- PETRONAS
- PETRONAS Carigali Sdn. Bhd.
- PETRONAS Carigali Mauritania Pty. Ltd.
- PetroVietnam Exploration Production Corporation Songhong
- PEXCO Sarawak N.V
- PT, Booz Indonesia
- QGC
- QIC
- Queensland Energy Resources (QER)
- RFD OIL and GAS
- RISCO Energy
- ROC Oil Company Limited (ROC)
- Santos Ltd.
- SCOMI
- Senex Energy
- Shell Sarawak Berhad
- Shell Todd Oil Services
- Shell-PETRONAS EORC
- Sinopec Group
- SONA Petroleum Berhad
- Strike Energy
- Talisman Energy Inc.
- Tamarind Energy
- Tately N.V
- Technip
- Todd Energy
- TRANSWORLD
- Tullow Oil plc
- University of Queensland, Australia
- Uzma Berhad
- Vestigo Petroleum Sdn Bhd
- West Natuna PLC
- WestSide Corporation Ltd.

Clients

We work closely with our CLIENTS and ensure delivery is aligned to expectations.
We work closely with CLIENTS to transfer knowledge and information on industry best practices.

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