

# SUBSURFACE ECONOMICS INSIGHTS FOR E&P

Trusted multi-disciplinary geoscience advice to  
support your strategic investment decisions

[cgg.com](http://cgg.com)



# Subsurface Economics Insights for E&P

## Industry challenges



### Strategy

Strategic investment decisions require sound economic modeling backed by comprehensive subsurface understanding.



### Accuracy

Getting an accurate valuation or credible reserve certification is key for better-informed decision-making.



### Speed

Speed is critical when it comes to asset evaluations for M&A and bid rounds.

## Reservoir consulting solutions



### Strategic advice

Supporting strategic investment decisions through accurate asset, reserves and portfolio evaluations.



### Multi-disciplinary subsurface studies

Helping you to identify and assess investment opportunities in new frontiers and mature basins.



### Rapid evaluations

Providing fast and reliable evaluations for time-critical opportunities.

## Advantages

We offer a complete suite of strategic evaluation and certification services delivered by a highly-experienced multi-disciplinary team with deep G&G knowledge and recognized E&P engineering and economics expertise:

- Scalable workflows from fast evaluations for time-critical M&A decisions to detailed reserves assessment studies and field development planning
- Trusted independent advisors with a proven track-record of providing comprehensive guidance for valuations, business plan optimization and portfolio management
- Reserves Certifications and Competent Persons Reports (CPR) respected throughout the industry by E&P companies and investors

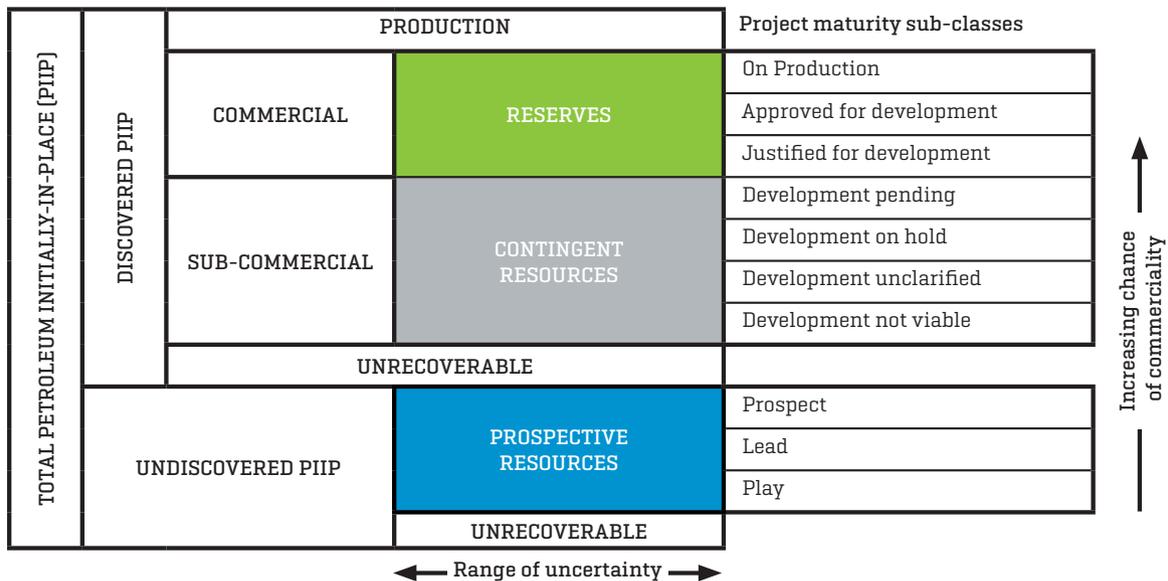


# Subsurface Economics Insights for E&P

## Reporting

Our recent experience includes providing CPR services to independent oil & gas companies registered on the London Stock Exchange who operate throughout Europe and Africa. We offer:

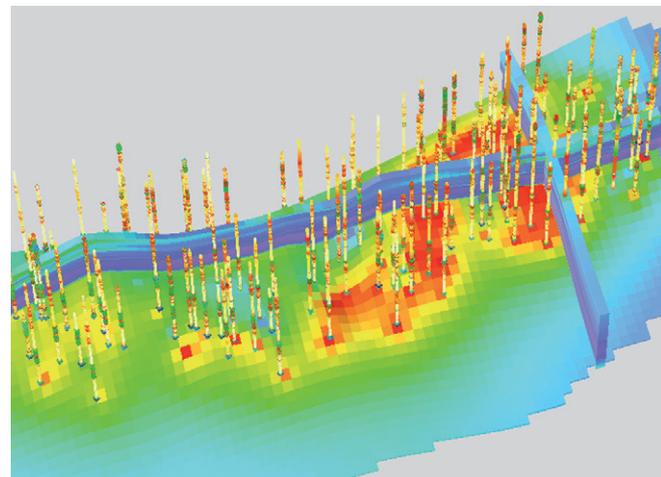
- Reserves and Economics reporting [SEC, SPE PRMS]
- Reserves evaluation reports for project and bank finance
- Competent Persons Reports [CPR] for company rights issues and stock market flotations and listings
- Public-domain studies and valuations
- Bank and project finance



## Asset evaluation

We have experience spanning rapid M&A valuations within 14 days, and evaluation services for international and national oil & gas companies throughout the asset lifecycle:

- Data-room valuations
- Exploration license round economics, evaluations and bid advice
- Exploration and appraisal technical and commercial evaluations
- Field commercialization studies
- Asset acquisition, farm-in and divestment evaluations, support and advice
- Company M&A evaluation and analysis



# Subsurface Economics Insights for E&P

## Implementation and advice

As a recent example of our capabilities, we provided a large national oil company with the technical advice they required for a multi-billion-dollar asset acquisition. Our services cover:

- New ventures analysis and country entry strategies
- New entrant advice and support
- Development planning advice
- Economic model building, audit and migration
- Fiscal modeling, benchmarking and analysis and advice
- Economics training



## Contacts

CGG  
Crompton Way  
Manor Royal  
Crawley, UK

Andrew Webb  
Andrew.Webb@cgg.com  
+44 129 368 3743

ReservoirServices@cgg.com

