



Oil and Gas Business Decisions: Economics, Financials and Risk

Designed for:

The course is designed for staff working in geoscience, engineering, finance, or commercial departments of oil and gas companies, or those supplying finance or services to the industry. It is also suitable for commercial staff entering into finance, economics and planning assignments, and managers from all disciplines.

Duration (days)

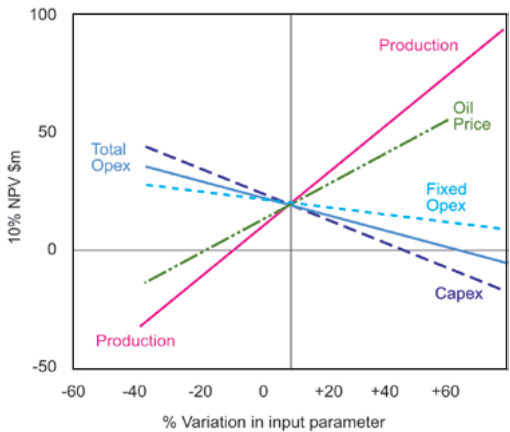
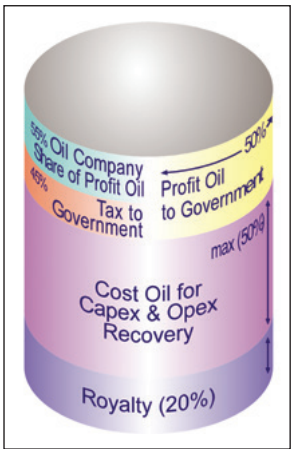
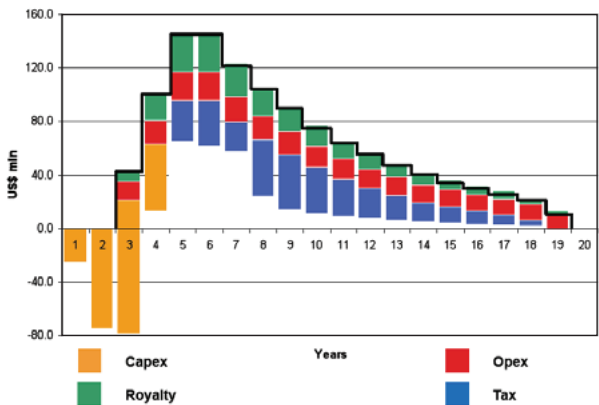


Learning Level:



The course provides knowledge of the role of petroleum economics in decision making for both exploration and production ventures.

It conveys the skills required to specify or perform economic evaluations using a selection of techniques, including discounted cashflow forecasting, ranking of projects, and investigation of economic resilience. Taxation/Contracts and Corporate Financials receive particular emphasis. Learning is reinforced by working on a series of realistic examples such as decisions on investment in E&P projects, valuing and justifying appraisal activity, ranking alternative investment options, and evaluating incremental projects. The course culminates with an opportunity to consider company asset management strategies.



Early Development
E&P Overview
Reservoir
Wells

Business & Risk
Open Air
Coaching
Master Class





Oil and Gas Business Decisions: Economics, Financials and Risk continued

Course Content:

Introduction

Overview of the global oil and gas industry

- Supply and demand – history and future

Development Economics

- Basic principles
- Constructing a project cashflow
- Discounting
- Economic indicators (profitability, efficiency, risk, timing)
- Impact of inflation and pricing factors
- Project ranking and screening
- Taxation/Contract concepts
- Corporate Financial drivers
- Sensitivity analysis

Exploration Economics

- Probability and expectation curves
- Expected monetary value (EMV)
- Decision Tree analysis and bid evaluation

Incremental economics

- Typical incremental projects during the field life cycle
- Evaluating of incremental projects
- Operational decision making under risk

Managing a varied portfolio

- Methods of ranking value of the components of a portfolio
- Incorporating strategic and political factors

Course Duration:

Duration is 2 - 3 days.

Courses available from this series:

Strategy & Performance Management
Petroleum Economics
Oil and Gas Business Decisions
Risk Analysis
Petroleum Economics and Risk Analysis
Oil and Gas Risk Management
E&P Business Simulation (Panacea)
Asset Trading Game
Petroleum Risk and Portfolio Management

Course Tutor



David Palmer BA (Hons) Economics

Main Series tutoring: Business & Risk

Industry experience: over 25 years, commercial, economics

Career background: BP, Britoil, AGR and TRACS

Personal: Commercial Manager, Senior Business Analyst, Learning and Development Manager

TRACS Contact



Maggie Murison

Main Series tutoring: Open Air

Industry experience: 25 years

Career background: TRACS Training, AGR, Peckhams Ltd, Kings Foods, KLM Airlines

Personal: Open Air events lead & course coordinator, HSE certified for field events

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