



Energy-Redefined

Training in Energy and Carbon: Petroleum Economics

Introduction

Energy Redefined is a company based in Scotland UK, focusing on providing innovative solutions to energy companies navigating the transition to a Cleaner Economy. We are a clean energy intelligence company collecting hard to find data, processing and analyzing it to write reports, consult and provide training. We are a small company providing innovative services to those companies operating in the Energy arena. We create real actionable guidelines and provide valuable alternative insights. Although we are small we have access to a network of specialists in risk management, smart metering, energy economics, Carbon trading and offsets, technology and operations.

Overview

Essentially this is a course on how to create an economic analysis of oil and gas assets, risk analysis and valuation in the oil and gas industry. Petroleum economics is a key skill used by all the companies in the business. This commercial skill is important element in understanding how companies create value. The skills learnt are also transferrable to other industries although the details will change. This popular course will enable you to:

- Gain a thorough, practical introduction to the techniques used within the petroleum industry to Value projects, assets and companies
- Practice your own valuations or critically review those produced by others
- Develop your knowledge of general discounted cash flow principles, NPV etc
- Address the issues specific to the oil and gas industry such as fiscal systems, risk analysis and competitive bidding
- Understand how to answer questions such as "What is the cost? "What is the return/profit?"

An understanding of this course content is required if participants want to manage oil company portfolio's

Course Content

- Production Costs, Cash flow components and economic indicators (KPI's)
- Upstream, midstream and downstream petroleum economics
- Oil Taxation – an introduction
- Managing and mitigating uncertainty and risk
- Sensitivities, simulations and decision analysis
- Valuing petroleum assets, portfolios and companies
- Valuing Carbon liabilities

Why you might want to go on one of our Courses

Some of the greatest challenges faced by governments and businesses today are concerned with energy. It is now widely accepted that there needs to be a shift in the way we think about this valuable resource, both where it comes from and how we use it.

This essentially means that there is a growing need for effective 'low-carbon' technologies and better use of the existing fossil resources. This presents a significant opportunity for businesses and individuals who have expertise in this field. The economics of these projects, and dealing with the risk associated with them is a key element of growing this business.

Energy Redefined was set up in 2009 to help companies navigate this transition. We have provided advice, data and analysis to some of the leading lights in this field and now we are now offering training materials to enable you to start this transition.

Who typically attends our Courses:

- General Managers
- Risk Managers
- Carbon Managers
- Economists
- Commercial and Strategic managers
- Sustainability Officers
- Small Business Owners
- Accountants
- Lawyers & Solicitors

- Aspiring Carbon Professionals
- Aspiring Energy Professionals

If you would like further information please contact either our training department at training@energy-redefined.com



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