

FINANCE & ACCOUNTING | COURSE BROCHURE

Financing Natural Resources: Oil, Gas and Mining Projects

5 days | Classroom training | English

SMART HORIZON

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Course content

Why attend

This course provides a comprehensive understanding of financing strategies for oil, gas, and mining projects. Participants will explore financial models, risk assessment, and investment decision-making, equipping them with the skills to effectively manage funding in natural resource sectors.

Natural resource projects often face significant financial challenges, including fluctuating commodity prices, geopolitical risks, and complex regulatory environments. Understanding the intricacies of financing these projects is crucial for professionals involved in investment, project management, and financial analysis. This course addresses these challenges head-on, providing participants with the tools to navigate the financial landscape of oil, gas, and mining while enhancing their ability to identify viable investment opportunities and secure necessary funding. Participants will engage in practical exercises that simulate real-world financing scenarios, enhancing their decision-making capabilities and allowing them to develop tailored financial strategies that align with project goals and market conditions.
Professionals will practice essential tasks such as constructing financial models, conducting risk assessments, and evaluating funding proposals. By mastering these competencies, they will be better prepared to assess project viability and secure necessary investments. This course empowers participants to contribute effectively to their organisations' financial planning and project execution in the natural resources sector. They will learn to communicate financial analyses to stakeholders, justify investment decisions based on comprehensive evaluations, and implement innovative financing mechanisms that can enhance project outcomes.

Professional Problems This Course Is Designed to Solve

- Difficulty translating subject knowledge into practical workplace decisions.
- Inconsistent approaches to the activities covered in the course outline.
- Lack of a structured plan for applying and reviewing new skills.

Course methodology

The course employs a blend of case studies, financial modelling workshops, and group discussions to build practical skills. Participants will work on real-world scenarios that require them to analyse financial data, assess risks, and develop funding strategies. Outputs will include detailed financial models, risk assessment reports, and funding proposals, enabling participants to apply their learning directly to their roles in financing natural resource projects. This hands-on approach ensures that participants not only understand theoretical concepts but also gain the confidence to implement these strategies in their professional environments, fostering a deeper understanding of the financial intricacies involved in natural resource financing.



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Course objectives

By the end of this course, participants will be able to:
• Analyse financial models specific to oil, gas, and mining projects to determine viability.
• Assess risks associated with financing natural resource ventures and propose mitigation strategies.
• Design funding strategies tailored to project requirements, considering market conditions and stakeholder needs.
• Calculate the cost of capital for various financing options to inform investment decisions.
• Justify investment decisions based on financial analysis and market conditions, enhancing stakeholder confidence.
• Construct comprehensive financial reports for project stakeholders, ensuring clarity and transparency in communication.
• Evaluate the impact of external factors on financing decisions, including regulatory and market dynamics.

Target audience

This course is suitable for:
• Financial analysts in natural resources
• Project managers in oil, gas, and mining
• Investment professionals focusing on natural resources
• Corporate finance specialists in energy sectors

Target competencies

Participants will develop competencies in:
• Financial modelling for natural resource projects
• Risk assessment and management in financing
• Investment decision-making in volatile markets
• Strategic funding design for resource extraction
• Stakeholder communication and reporting in finance
• Analytical skills for project viability assessment
• Understanding of regulatory impacts on financing

Course outline

Day 1: Introduction to Natural Resource Financing

Applied activity: Participants will analyse a case study of a recent oil project, identifying key financial challenges and opportunities for funding. They will discuss the implications of market conditions on financing decisions and present their findings to the group, focusing on practical solutions.
Output: A summary report outlining financial challenges and potential funding strategies.



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09:00–09:54	Overview of oil, gas, and mining sectors and their financial implications in global markets
09:54–10:48	Key financial concepts in natural resources, including NPV, IRR, and payback period
10:48–11:00	Understanding project lifecycle and funding needs at each stage of development
11:00–11:30	**Coffee break**
11:30–12:12	Understanding project lifecycle and funding needs at each stage of development (continued)
12:12–13:06	Regulatory frameworks affecting financing and investment decisions in various jurisdictions
13:06–14:00	Market dynamics and their impact on financing strategies and project outcomes

Day 2: Financial Modelling Techniques

Applied activity: Using provided data, participants will create a financial model for a hypothetical mining project, incorporating cash flow projections and sensitivity analysis. They will present their models to peers for feedback and refinement, focusing on assumptions and outcomes.
Output: A complete financial model with cash flow projections and sensitivity analysis results.

09:00–09:54	Building financial models for resource projects using Excel, focusing on cash flow and profitability
09:54–10:48	Cash flow projections and analysis for investment decisions, including scenario planning
10:48–11:00	Sensitivity analysis in project financing to assess risk and project robustness
11:00–11:30	**Coffee break**
11:30–12:12	Sensitivity analysis in project financing to assess risk and project robustness (continued)
12:12–13:06	Valuation techniques for natural resource assets, including DCF and comparative analysis
13:06–14:00	Integrating operational data into financial models for accuracy and reliability in forecasts

Day 3: Risk Assessment in Resource Financing

Applied activity: Participants will conduct a risk assessment for a proposed gas project, identifying potential financial risks and proposing mitigation strategies based on their analysis. They will collaborate to create a risk management plan that addresses key vulnerabilities.
Output: A risk assessment report detailing identified risks and recommended mitigation strategies.

09:00–09:54	Identifying financial risks in natural resource projects and their sources, including market and operational risks
09:54–10:48	Quantitative and qualitative risk assessment methods for projects, including risk matrices



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10:48–11:00	Mitigation strategies for financial risks in investment decisions, including insurance and hedging
11:00–11:30	**Coffee break**
11:30–12:12	Mitigation strategies for financial risks in investment decisions, including insurance and hedging (continued)
12:12–13:06	Impact of geopolitical factors on financing and project viability, including case studies
13:06–14:00	Insurance and hedging options for effective risk management in volatile markets

Day 4: Funding Strategies and Instruments

Applied activity: In groups, participants will evaluate different financing proposals for a mining project, considering the advantages and disadvantages of each option. They will prepare a presentation to justify their recommended approach, focusing on financial viability and strategic fit.
Output: A presentation summarising the evaluation of financing proposals and recommendations.

09:00–09:54	Overview of financing options for natural resources, including debt, equity, and hybrid instruments
09:54–10:48	Debt vs equity financing in resource projects and their implications for project control and returns
10:48–11:00	Public-private partnerships in natural resource financing and collaboration opportunities
11:00–11:30	**Coffee break**
11:30–12:12	Public-private partnerships in natural resource financing and collaboration opportunities (continued)
12:12–13:06	Innovative financing mechanisms in the sector, such as green bonds and impact investing
13:06–14:00	Evaluating funding proposals and terms for project suitability and alignment with strategic goals

Day 5: Integrated Financing Project Simulation

Applied activity: Participants will work in teams to develop a comprehensive financing strategy for a simulated oil project, integrating financial models, risk assessments, and funding strategies. They will present their strategy to a panel acting as stakeholders, addressing questions and concerns regarding their approach.
Output: A detailed financing strategy document and presentation for the simulated oil project.

09:00–09:54	Combining financial modelling, risk assessment, and funding strategies in practice for comprehensive understanding
09:54–10:48	Real-world scenarios in oil, gas, and mining financing for hands-on experience and application



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10:48–11:00	Decision-making under uncertainty and its implications for projects, including stakeholder management
11:00–11:30	**Coffee break**
11:30–12:12	Decision-making under uncertainty and its implications for projects, including stakeholder management (continued)
12:12–13:06	Stakeholder engagement and communication strategies for financing, focusing on transparency and trust
13:06–14:00	Final project presentations and evaluations to demonstrate learning and application of course concepts

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.

Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
Kuala Lumpur Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,450.-**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,250.-**
Paris Confirmed dates	23 Nov 2026	27 Nov 2026	**£2,860.-**
Online Confirmed dates	23 Nov 2026	27 Nov 2026	**£1,250.-**
Istanbul Confirmed dates	7 Dec 2026	11 Dec 2026	**£2,650.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	7 Dec 2026	11 Dec 2026	**£1,250.-**
Amsterdam Confirmed dates	14 Dec 2026	18 Dec 2026	**£2,540.-**
Online Confirmed dates	14 Dec 2026	18 Dec 2026	**£1,250.-**
Singapore Confirmed dates	11 Jan 2027	15 Jan 2027	**£2,820.-**
Online Confirmed dates	11 Jan 2027	15 Jan 2027	**£1,250.-**
London Confirmed dates	25 Jan 2027	29 Jan 2027	**£2,450.-**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**£1,250.-**
Barcelona Confirmed dates	1 Feb 2027	5 Feb 2027	**£2,840.-**
Online Confirmed dates	1 Feb 2027	5 Feb 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Dubai Confirmed dates	8 Feb 2027	12 Feb 2027	**£3,150.–**
Online Confirmed dates	8 Feb 2027	12 Feb 2027	**£1,250.–**
Frankfurt Confirmed dates	22 Feb 2027	26 Feb 2027	**£2,650.–**
Online Confirmed dates	22 Feb 2027	26 Feb 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	8 Mar 2027	12 Mar 2027	**£1,450.–**
Online Confirmed dates	8 Mar 2027	12 Mar 2027	**£1,250.–**
Paris Confirmed dates	22 Mar 2027	26 Mar 2027	**£2,860.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**£1,250.–**
Rome Confirmed dates	29 Mar 2027	2 Apr 2027	**£2,450.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	29 Mar 2027	2 Apr 2027	**£1,250.-**
Istanbul Confirmed dates	12 Apr 2027	16 Apr 2027	**£2,650.-**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,250.-**
Amsterdam Confirmed dates	26 Apr 2027	30 Apr 2027	**£2,540.-**
Online Confirmed dates	26 Apr 2027	30 Apr 2027	**£1,250.-**
Singapore Confirmed dates	10 May 2027	14 May 2027	**£2,820.-**
Online Confirmed dates	10 May 2027	14 May 2027	**£1,250.-**
London Confirmed dates	24 May 2027	28 May 2027	**£2,450.-**
Online Confirmed dates	24 May 2027	28 May 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Rome Confirmed dates	31 May 2027	4 Jun 2027	**£2,450.–**
Online Confirmed dates	31 May 2027	4 Jun 2027	**£1,250.–**
Dubai Confirmed dates	14 Jun 2027	18 Jun 2027	**£3,150.–**
Online Confirmed dates	14 Jun 2027	18 Jun 2027	**£1,250.–**
Frankfurt Confirmed dates	21 Jun 2027	25 Jun 2027	**£2,650.–**
Online Confirmed dates	21 Jun 2027	25 Jun 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	12 Jul 2027	16 Jul 2027	**£1,450.–**
Online Confirmed dates	12 Jul 2027	16 Jul 2027	**£1,250.–**
Paris Confirmed dates	26 Jul 2027	30 Jul 2027	**£2,860.–**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	26 Jul 2027	30 Jul 2027	**£1,250.-**
Vienna Confirmed dates	2 Aug 2027	6 Aug 2027	**£2,940.-**
Online Confirmed dates	2 Aug 2027	6 Aug 2027	**£1,250.-**
Istanbul Confirmed dates	9 Aug 2027	13 Aug 2027	**£2,650.-**
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**£1,250.-**
Amsterdam Confirmed dates	23 Aug 2027	27 Aug 2027	**£2,540.-**
Online Confirmed dates	23 Aug 2027	27 Aug 2027	**£1,250.-**
Singapore Confirmed dates	13 Sept 2027	17 Sept 2027	**£2,820.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	20 Sept 2027	24 Sept 2027	**£2,450.-**
Online Confirmed dates	20 Sept 2027	24 Sept 2027	**£1,250.-**
Cape Town Confirmed dates	27 Sept 2027	1 Oct 2027	**£1,890.-**
Online Confirmed dates	27 Sept 2027	1 Oct 2027	**£1,250.-**
Dubai Confirmed dates	11 Oct 2027	15 Oct 2027	**£3,150.-**
Online Confirmed dates	11 Oct 2027	15 Oct 2027	**£1,250.-**
Frankfurt Confirmed dates	25 Oct 2027	29 Oct 2027	**£2,650.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**£1,250.-**
Kuala Lumpur Confirmed dates	8 Nov 2027	12 Nov 2027	**£1,450.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	8 Nov 2027	12 Nov 2027	**£1,250.–**
Paris Confirmed dates	22 Nov 2027	26 Nov 2027	**£2,860.–**
Online Confirmed dates	22 Nov 2027	26 Nov 2027	**£1,250.–**
Cape Town Confirmed dates	29 Nov 2027	3 Dec 2027	**£1,890.–**
Online Confirmed dates	29 Nov 2027	3 Dec 2027	**£1,250.–**
Istanbul Confirmed dates	6 Dec 2027	10 Dec 2027	**£2,650.–**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**£1,250.–**
Amsterdam Confirmed dates	13 Dec 2027	17 Dec 2027	**£2,540.–**
Online Confirmed dates	13 Dec 2027	17 Dec 2027	**£1,250.–**



Course content

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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