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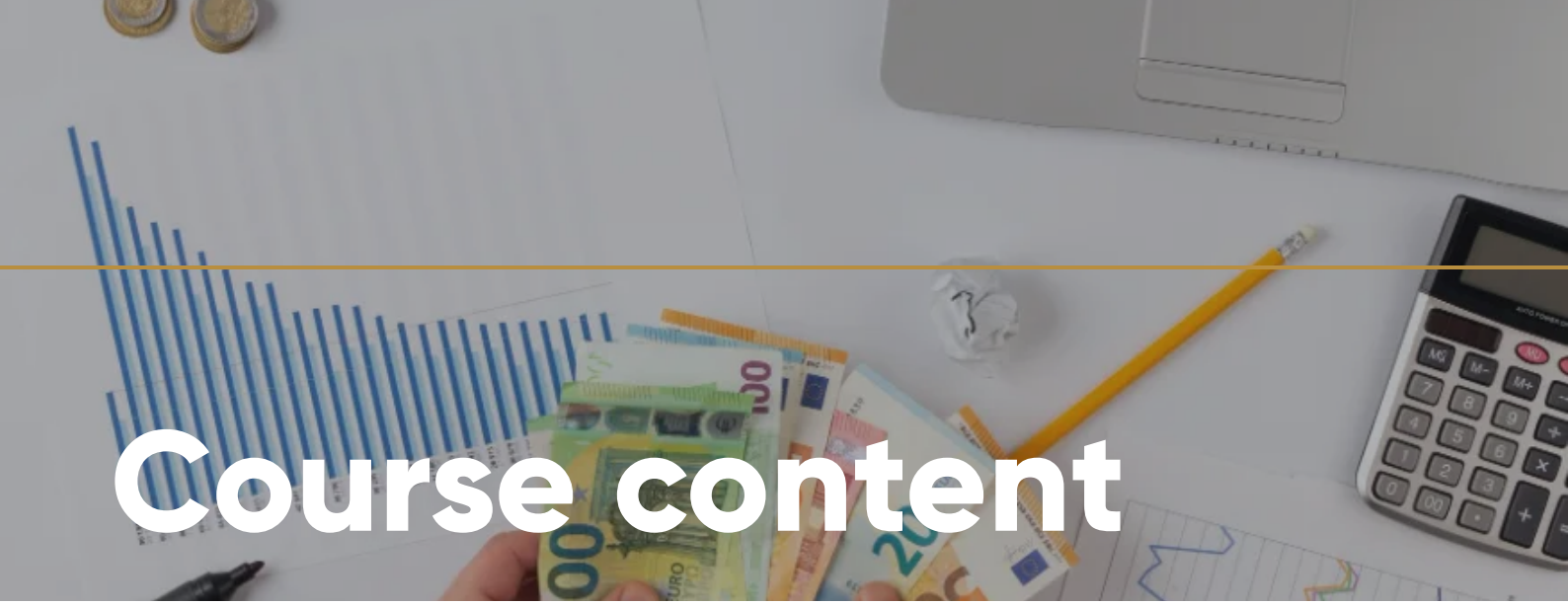
ACCOUNTING AND FINANCE | AF-034

Certificate of Practice in ESG and Climate Risk Management

UK
+44 33 000 111 90
info@informatech.co.uk
https://informatech.uk
63-66 Hatton Garden Hatton Garden
EC1N 8LE , London

NL
+31 85 74 444 46
info@infomatech.nl
https://infomatech.nl
Waarderweg 50 - 2031PB
Haarlem - Netherlands



Course content

Why Attend

Environmental, Social and Governance (ESG) considerations and climate-related risks have become increasingly important to organisational strategy, financial resilience, investment decisions, regulatory compliance, and long-term value creation. Organisations are expected to demonstrate how they identify, assess, manage, and communicate sustainability-related risks and opportunities.

Climate change introduces complex financial and operational challenges through physical risks, such as extreme weather events and environmental disruption, and transition risks arising from changes in regulations, technology, markets, and stakeholder expectations. These developments can affect asset values, operating costs, supply chains, financing conditions, insurance availability, and business continuity.

At the same time, organisations face growing expectations for transparent ESG governance, reliable sustainability data, responsible investment practices, and credible climate-related disclosures. Meeting these expectations requires a structured approach that connects ESG considerations with enterprise risk management, corporate governance, financial planning, and strategic decision-making.

The Certificate of Practice in ESG and Climate Risk Management course provides participants with practical knowledge of ESG risk frameworks, climate risk identification, materiality assessment, climate scenario analysis, sustainability reporting, and risk mitigation strategies.

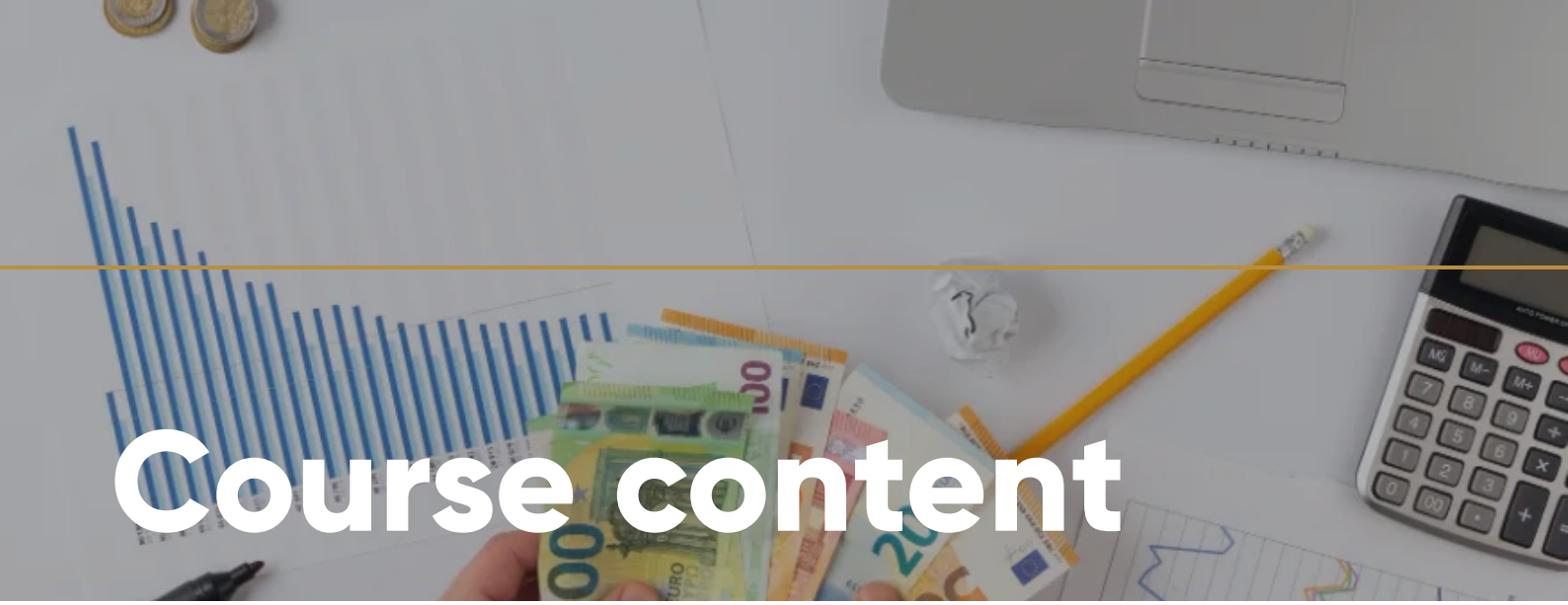
Participants explore internationally recognised frameworks and standards, including the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD), IFRS S1 and IFRS S2, the Greenhouse Gas Protocol, and relevant elements of ISO 31000. The programme also considers jurisdiction-specific regulatory developments and the implications of ESG requirements for financial institutions and non-financial organisations.

Through practical exercises, case studies, risk assessments, and climate scenario workshops, participants develop the capabilities needed to integrate ESG and climate risk management into organisational governance, strategy, operations, and performance monitoring.

Professional Problems This Course Is Designed to Solve

• Limited understanding of ESG and climate-related risks: Establishing a structured approach to identifying environmental, social, governance, physical climate, and transition risk exposures.

• Weak integration of ESG into enterprise risk management: Connecting sustainability-related risks with existing risk registers, governance arrangements, internal controls, and strategic planning processes.



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Why Attend

• Difficulty assessing climate-related financial impacts: Evaluating how climate scenarios may affect revenues, operating costs, asset values, financing, and organisational resilience.

• Unclear ESG governance and accountability: Defining board oversight, management responsibilities, risk ownership, and escalation procedures for sustainability-related matters.

• Inconsistent ESG data and reporting: Establishing reliable sustainability indicators, data collection processes, reporting controls, and disclosure methodologies.

• Exposure to regulatory and reputational risks: Understanding applicable sustainability reporting obligations, greenwashing risks, and the importance of evidence-based ESG communications.

• Insufficient climate risk mitigation planning: Developing practical risk responses, adaptation measures, transition planning priorities, and monitoring mechanisms.

Course Methodology

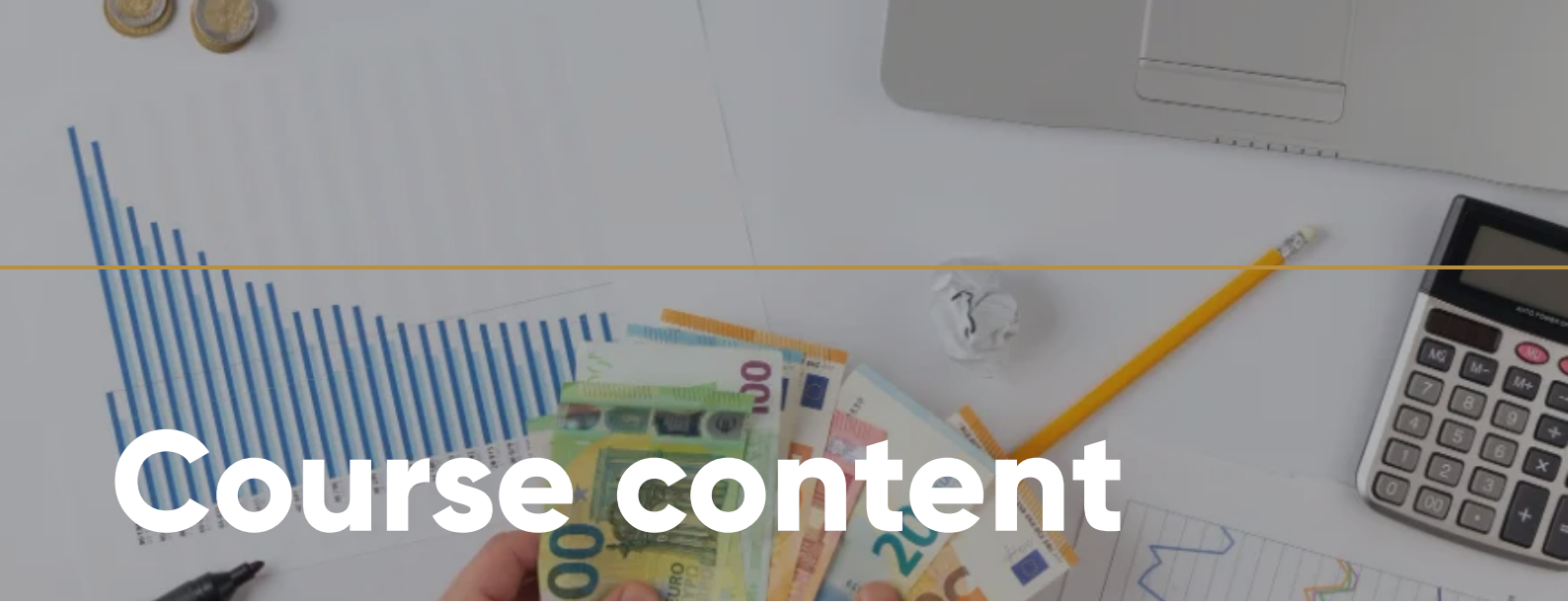
The programme combines instructor-led discussions, ESG governance case studies, climate risk assessment workshops, regulatory framework reviews, sustainability data exercises, and scenario-based financial risk analysis.

Participants work with realistic organisational scenarios involving climate-related physical hazards, carbon-intensive activities, supply chain vulnerabilities, investment exposures, stakeholder expectations, and sustainability reporting challenges.

Practical exercises include developing ESG risk registers, conducting materiality assessments, evaluating climate scenarios, designing ESG performance indicators, and preparing climate risk management recommendations.

The programme emphasises practical implementation, sound risk management judgement, credible disclosures, and the integration of ESG considerations into established organisational decision-making processes.

Course Objectives



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Course Objectives

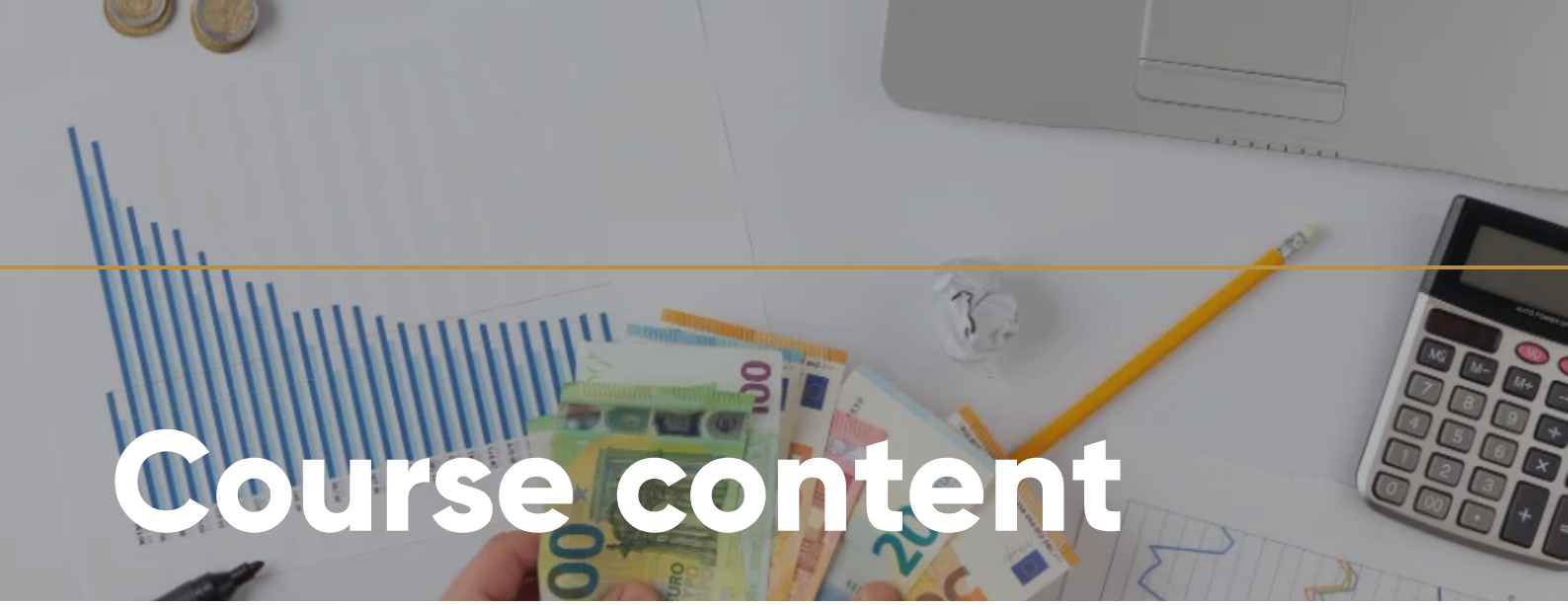
By the end of this course, participants will be able to:

- Explain ESG principles and their relevance to organisational governance and financial performance
- Identify major environmental, social, governance, and climate-related risk categories
- Distinguish physical climate risks from transition risks
- Assess ESG risks using structured materiality and risk evaluation techniques
- Integrate ESG considerations into enterprise risk management frameworks
- Establish governance arrangements for ESG and climate risk oversight
- Apply climate scenario analysis to evaluate organisational vulnerabilities
- Assess potential financial and operational consequences of climate-related risks
- Understand relevant ESG disclosure standards and sustainability reporting frameworks
- Develop ESG and climate risk indicators, controls, and monitoring procedures
- Recommend appropriate climate adaptation, transition, and risk mitigation measures
- Prepare an integrated ESG and climate risk management action plan

Target Audience

This course is suitable for:

- Enterprise risk managers and risk management professionals
- ESG and sustainability managers
- Climate risk and environmental risk specialists
- Corporate governance and compliance professionals
- Internal auditors and assurance professionals
- Banking and financial services risk officers
- Investment analysts and responsible investment professionals



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Target Audience

• Finance managers and financial controllers

• Corporate strategy and business continuity managers

• Senior executives responsible for sustainability governance and organisational resilience

Target Competencies

Participants will develop competencies in:

• ESG risk identification and assessment

• Climate physical and transition risk analysis

• ESG materiality assessment

• Enterprise risk management integration

• Sustainability governance and accountability

• Climate scenario analysis and stress testing

• ESG performance measurement

• Sustainability disclosure and reporting controls

• Climate risk mitigation and transition planning

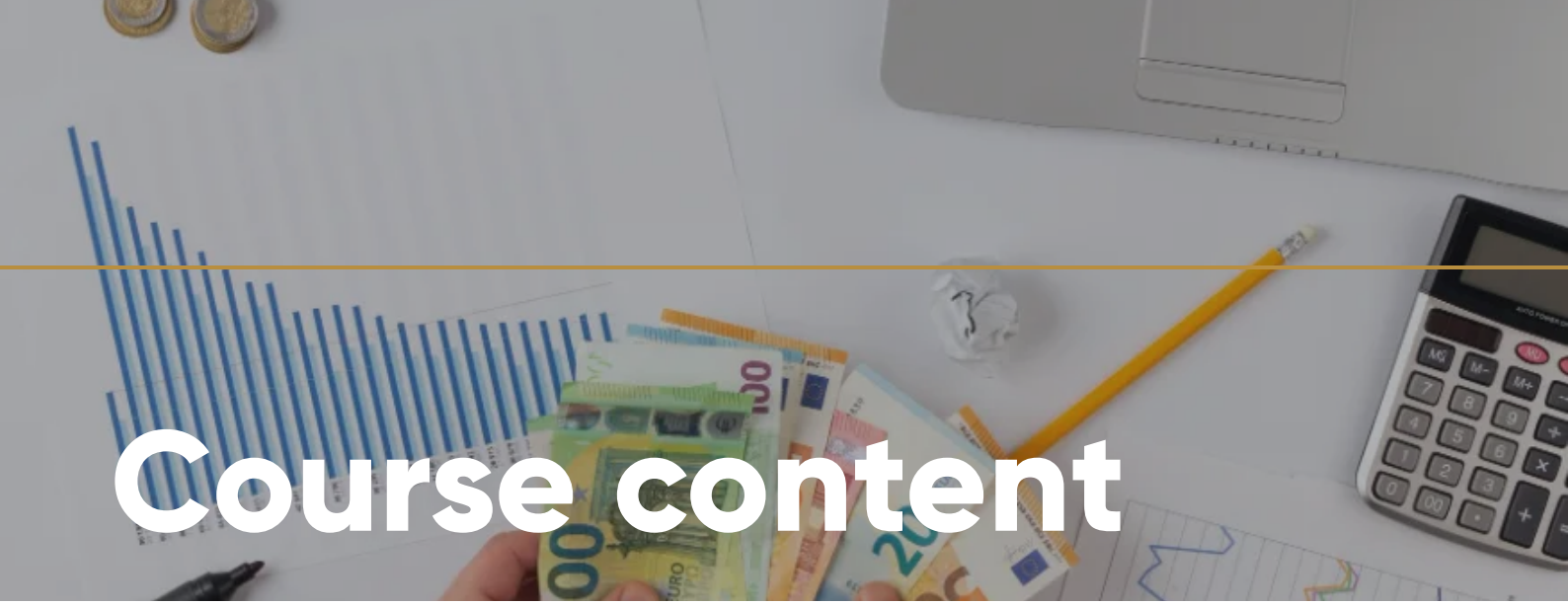
• ESG risk communication and strategic decision-making

Course outline

Day 1: ESG Fundamentals, Sustainability Governance and Risk Management

• Understanding ESG principles, sustainability-related financial risks, and the relationship between responsible business practices and long-term organisational value

• Examining environmental, social, and governance risk categories, including emissions, resource use, labour practices, supply chain conduct, business ethics, and governance effectiveness



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Course outline

• Exploring the roles of boards, executive management, risk committees, compliance functions, and internal audit in ESG oversight

• Understanding ESG-related stakeholder expectations and the relationship between sustainability performance, access to capital, and organisational reputation

• Applying ESG materiality assessment techniques to identify significant sustainability-related risks and opportunities, distinguishing financial materiality from impact materiality

• Practical workshop: Developing an organisational ESG risk profile with material risk categories, governance responsibilities, and preliminary risk priorities

Day 2: Climate Risk Identification, Assessment and Enterprise Risk Integration

• Understanding climate-related physical risks, including acute events such as floods and storms and chronic changes such as rising temperatures and water stress

• Examining climate transition risks arising from policy changes, carbon pricing, technological developments, market shifts, and reputational pressures

• Identifying climate risk transmission channels affecting operations, assets, suppliers, customers, investments, and financing arrangements

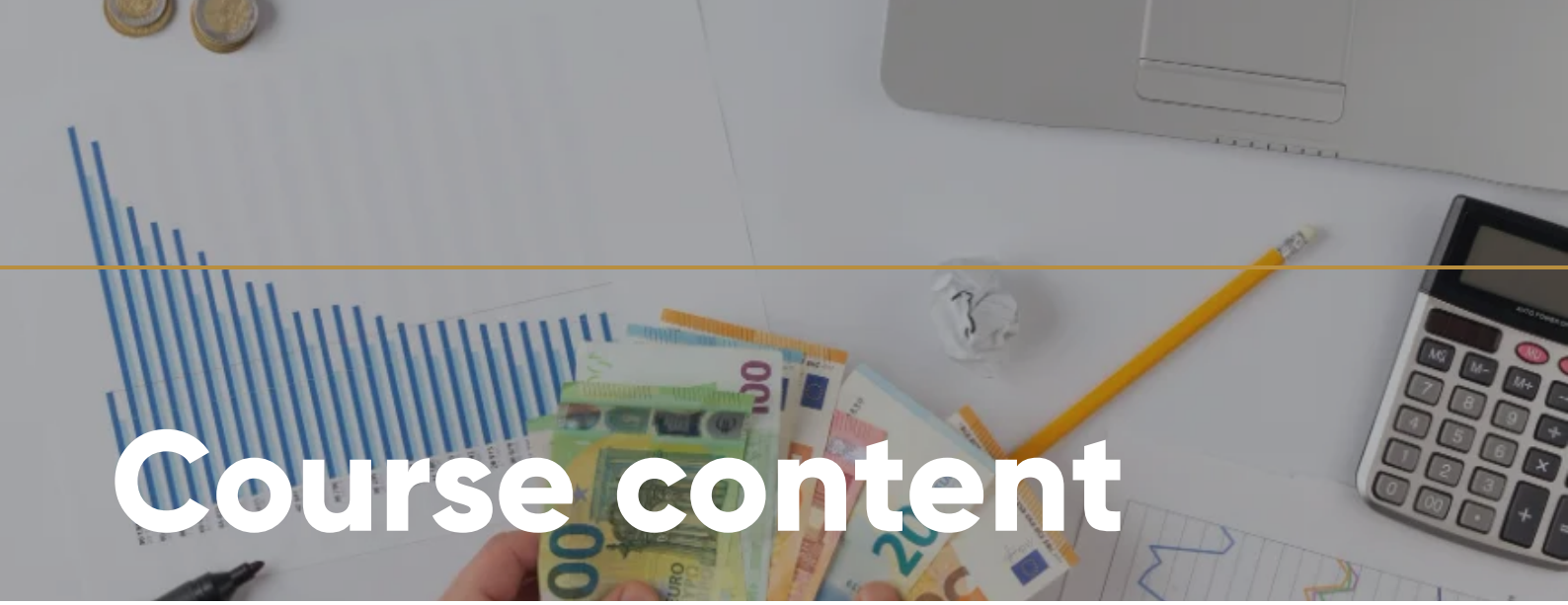
• Applying risk assessment methodologies to evaluate likelihood, potential impact, time horizons, vulnerability, and existing risk controls

• Integrating climate and ESG risks into enterprise risk management processes, risk appetite statements, risk registers, and management reporting

• Practical exercise: Preparing a climate risk register that identifies physical and transition exposures, risk ratings, controls, ownership, and proposed mitigation actions

Day 3: Climate Scenario Analysis, Financial Impacts and Risk Quantification

• Understanding the purpose and limitations of climate scenario analysis and its application to strategic planning, financial risk management, and organisational resilience



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• Evaluating alternative climate pathways using scenarios informed by recognised sources such as the Network for Greening the Financial System (NGFS) and the Intergovernmental Panel on Climate Change (IPCC)

• Assessing potential financial consequences of climate risks for revenues, operating expenditure, asset impairment, insurance costs, capital expenditure, and financing conditions

• Exploring climate risk considerations in banking, investment portfolios, credit risk, market risk, and corporate financial planning

• Applying sensitivity analysis, stress testing, and scenario-based assumptions to evaluate organisational exposure under different climate outcomes

• Climate scenario workshop: Assessing the financial and operational implications of selected physical and transition risk scenarios and preparing management recommendations

Day 4: ESG Reporting, Climate Disclosures and Sustainability Data Management

• Reviewing internationally recognised sustainability disclosure frameworks, including IFRS S1, IFRS S2, and the foundational principles of TCFD-aligned climate reporting

• Understanding climate-related disclosure requirements covering governance, strategy, risk management, metrics, and targets

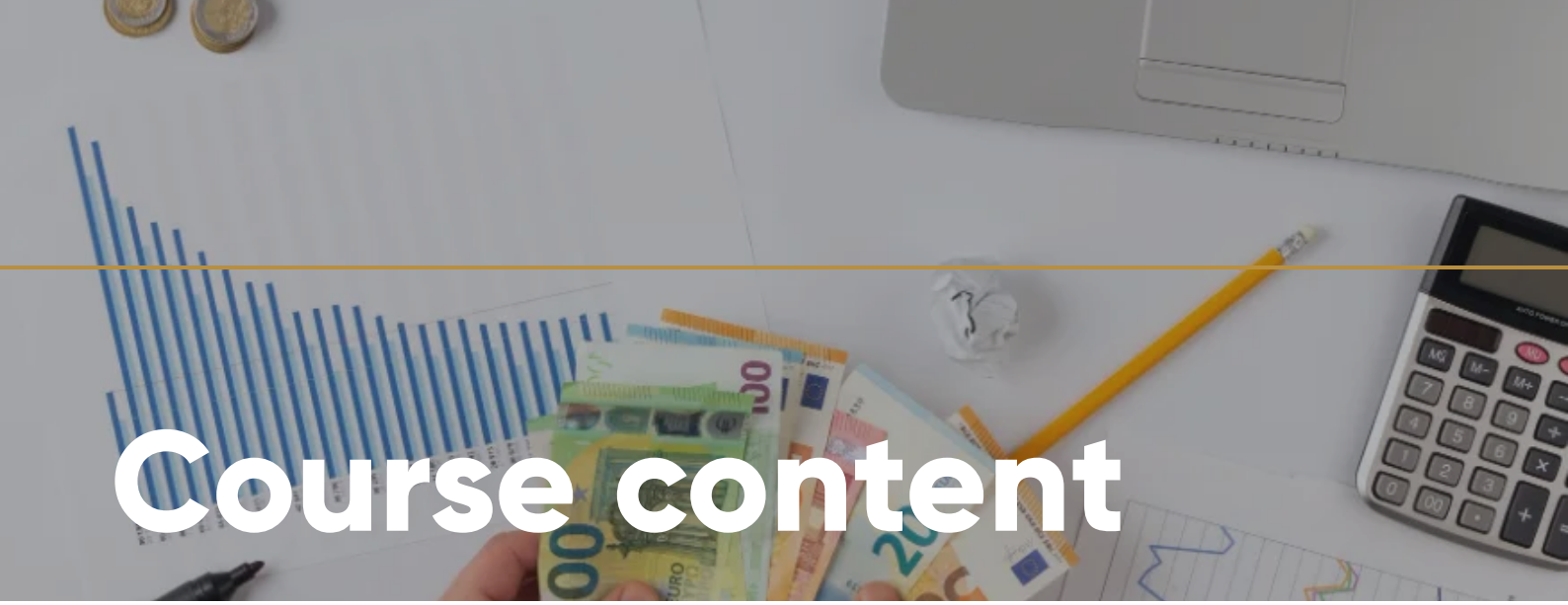
• Examining greenhouse gas accounting concepts, including Scope 1, Scope 2, and Scope 3 emissions under the Greenhouse Gas Protocol

• Developing ESG data collection processes, performance indicators, reporting responsibilities, validation controls, and documentation procedures

• Identifying sustainability reporting challenges involving data availability, estimation uncertainty, inconsistent methodologies, greenwashing, and assurance readiness

• Practical workshop: Preparing an ESG and climate risk reporting dashboard with selected indicators, disclosure narratives, risk exposures, and management actions

Day 5: ESG Risk Mitigation, Climate Transition Planning and Implementation



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• Developing ESG risk treatment strategies through prevention, mitigation, control enhancement, risk transfer, stakeholder engagement, and continuous monitoring

• Evaluating climate adaptation measures, operational resilience improvements, supply chain diversification, and business continuity considerations

• Understanding climate transition planning, emissions reduction priorities, decarbonisation initiatives, and the integration of sustainability objectives into business strategy

• Establishing ESG and climate risk governance procedures, accountability structures, reporting cycles, and management review mechanisms

• Developing implementation roadmaps with measurable objectives, responsible owners, resources, milestones, performance indicators, and review arrangements

• Capstone exercise: Developing and presenting a Comprehensive ESG and Climate Risk Management Framework incorporating materiality assessment, ESG governance, climate risk identification, scenario analysis, financial impact evaluation, disclosure indicators, mitigation measures, and an implementation roadmap

Seminar dates

Available seminar dates

Live dates and pricing for Certificate of Practice in ESG and Climate Risk Management generated from the course details page.

Date	Location	Format	Fee
Dates on request	Venue on request	Classroom	**Contact us**

Live online option	Online delivery is available at €1,850.-.