



COURSE OVERVIEW HE2230-3D **Climate Change Strategy & Risk Management**

Course Title

Climate Change Strategy & Risk Management

Course Date/Venue

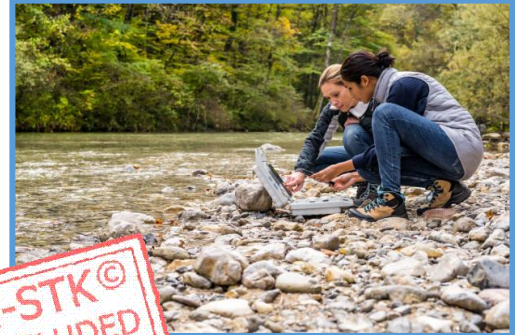
July 20-22, 2026/Glasshouse Meeting Room,
Grand Millennium Al Wahda Hotel, Abu Dhabi,
UAE

Course Reference

HE2230-3D

Course Duration/Credits

Three days/1.65 CEUs/16.5 PDHs

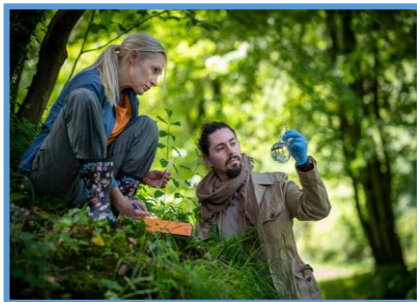


Course Description



This practical and highly-interactive course includes real-life case studies where participants will be engaged in a series of interactive small groups and class workshops.

This course is designed to provide participants with a detailed and up-to-date overview of Climate Change Strategy & Risk Management. It covers the greenhouse gas mechanisms, global warming, key climate indicators and regional climate risks; the climate change and energy sector impacts, global climate policies, regulatory landscape as well as climate risk categories and frameworks; the physical risk identification, transition risk identification and climate scenario analysis; and the quantitative risk assessment techniques, climate data and analytics including risk prioritization and materiality assessment.



During this interactive course, participants will learn the climate strategy development, integration with business strategy and climate risk mitigation strategies; the climate adaptation and resilience planning, climate governance and organizational structure; the climate disclosure and reporting covering TCFD framework implementation, CDP and ESG reporting standards and ISSB/IFRS sustainability reporting; the ESG integration and performance management through climate KPIs and metrics, linking ESG performance to financial outcomes and sustainability dashboards and reporting tools; translating strategy into actionable plans; the project prioritization and resource allocation; and developing KPIs and monitoring frameworks.



Course Objectives/Outcomes & Benefits for the Participants

Upon the successful completion of this course, each participant will be able to:-

- Apply and gain a comprehensive knowledge on climate change strategy and risk management
- Recognize greenhouse gas mechanisms and global warming, key climate indicators and regional climate risks
- Discuss climate change and energy sector impacts, global climate policies, regulatory landscape as well as climate risk categories and frameworks
- Apply physical risk identification, transition risk identification and climate scenario analysis
- Carryout quantitative risk assessment techniques, climate data and analytics including risk prioritization and materiality assessment
- Employ climate strategy development, integration with business strategy and climate risk mitigation strategies
- Implement climate adaptation and resilience planning and recognize climate governance and organizational structure
- Apply climate disclosure and reporting covering TCFD framework implementation, CDP and ESG reporting standards and ISSB/IFRS sustainability reporting
- Carryout ESG integration and performance management through climate KPIs and metrics, linking ESG performance to financial outcomes and sustainability dashboards and reporting tools
- Translate strategy into actionable plans, apply project prioritization and resource allocation and develop KPIs and monitoring frameworks

Exclusive Smart Training Kit - H-STK®



*Participants of this course will receive the exclusive “Haward Smart Training Kit” (H-STK®). The H-STK® consists of a comprehensive set of technical content which includes **electronic version** of the course materials conveniently saved in a **Tablet PC**.*

Who Should Attend

This course provides an overview of all significant aspects and considerations of climate change strategy and risk management for senior management and executives, strategy and business planning professionals, risk management professionals, compliance officers, sustainability / ESG professionals, CSR professionals, government and policy makers, environmental regulators, project managers, engineers and technical specialists, urban planners, finance and investment professionals, banking and insurance professionals, NGO and development practitioners, environmental and climate specialists, anyone involved in climate strategy, sustainability or risk management and other technical staff.

Course Certificate(s)

Internationally recognized certificates will be issued to all participants of the course who completed a minimum of 80% of the total tuition hours

Certificate Accreditations

Haward's certificates are accredited by the following international accreditation organizations:

-  British Accreditation Council (BAC)

Haward Technology is accredited by the **British Accreditation Council** for **Independent Further and Higher Education** as an **International Centre**. Haward's certificates are internationally recognized and accredited by the British Accreditation Council (BAC). BAC is the British accrediting body responsible for setting standards within independent further and higher education sector in the UK and overseas. As a BAC-accredited international centre, Haward Technology meets all of the international higher education criteria and standards set by BAC.

-  The International Accreditors for Continuing Education and Training (IACET - USA)

Haward Technology is an Authorized Training Provider by the International Accreditors for Continuing Education and Training (IACET), 2201 Cooperative Way, Suite 600, Herndon, VA 20171, USA. In obtaining this authority, Haward Technology has demonstrated that it complies with the **ANSI/IACET 2018-1 Standard** which is widely recognized as the standard of good practice internationally. As a result of our Authorized Provider membership status, Haward Technology is authorized to offer IACET CEUs for its programs that qualify under the **ANSI/IACET 2018-1 Standard**.

Haward Technology's courses meet the professional certification and continuing education requirements for participants seeking **Continuing Education Units** (CEUs) in accordance with the rules & regulations of the International Accreditors for Continuing Education & Training (IACET). IACET is an international authority that evaluates programs according to strict, research-based criteria and guidelines. The CEU is an internationally accepted uniform unit of measurement in qualified courses of continuing education.

Haward Technology Middle East will award **1.65 CEUs** (Continuing Education Units) or **16.5 PDHs** (Professional Development Hours) for participants who completed the total tuition hours of this program. One CEU is equivalent to ten Professional Development Hours (PDHs) or ten contact hours of the participation in and completion of Haward Technology programs. A permanent record of a participant's involvement and awarding of CEU will be maintained by Haward Technology. Haward Technology will provide a copy of the participant's CEU and PDH Transcript of Records upon request.

Course Instructor(s)

This course will be conducted by the following instructor(s). However, we have the right to change the course instructor(s) prior to the course date and inform participants accordingly:



Mr. John Taljard is an **International Health, Safety & Environment (HSE) Expert** within **Oil, Gas and Petrochemical** industries. His expertise includes **Accident/Incident Investigation & Risk Management, Economics & Politics of Climate Change, Climate Change Strategy, Climate Change & Energy Sector Impacts, Climate Data & Analytics, Risk Assessment** within Production Operation, **Hazard Identification, Quantified Risk Assessment, Process Hazard Analysis (PHA), Construction Safety (STOP), Process Safety Management, HAZOP Studies & Leadership, FMEA, Waste Management, Industrial Effluents, Hazardous Material, Chemical Handling, Firefighting, Emergency Response Services, HAZCOM, HAZWOPER and HAZMAT** with over **30 years** of practical experience in the **process** industry. His wide experience also includes **Environmental Management (ISO 14001), Safety Management (OHSAS 18001), Quality Management (ISO 9001)**. He is the **Founder** of **ISTEC**, an international health & safety management and consultancy company where he is greatly involved in the development and implementation of **SHEQ standards & procedures, HAZOP Studies, HAZOP Leadership, FMEA, PHA, operational safety guidelines, inspections & auditing techniques.**

While Mr. Taljard has been very active in the process industry for almost three decades, he has likewise headed Consultancy projects for major **petrochemical**, aviation, engineering & construction, mining & chemical industries. In all his projects, he utilizes a systems approach which includes **risk management, process safety**, health & environmental management, human behaviour and quality management. Furthermore, he has come to share his expertise through the **numerous international trainings** he has held on **PHA, HAZOP, Risk Assessment, Handling Hazardous Materials & Chemicals, Petroleum Products Handling & Transportation, Fire Fighting & Fire Rescue, Safety Auditing, Hazard Identification & Site Inspection and Accident Investigation** for several significant clientele among these are **ARAMCO, SABIC, ZADCO, ORPC, KOTC, and AADC**. Moreover, he completed various assignments as a consultant, trainer, facilitator, auditor & designer and conducted numerous licensed international Safety, Technology and Auditing Awareness & Implementing training courses including **IMS, ISO 9001, ISO 14001, ISO 27001, ISO 17799, OHSAS 18001** audits & assessments. With his accomplishments and achievements, he had been a **Safety Superintendent, Senior Safety Official and Senior Process Controller** for several international petrochemical companies.

Training Methodology

All our Courses are including **Hands-on Practical Sessions** using equipment, State-of-the-Art Simulators, Drawings, Case Studies, Videos and Exercises. The courses include the following training methodologies as a percentage of the total tuition hours:-

- 30% Lectures
- 20% Practical Workshops & Work Presentations
- 30% Hands-on Practical Exercises & Case Studies
- 20% Simulators (Hardware & Software) & Videos

In an unlikely event, the course instructor may modify the above training methodology before or during the course for technical reasons.

Learning Design & Customization

This course can be customized to the exact requirements of clients. Haward Technology is so proud of our huge capabilities in tailoring our courses to the training needs of our valued clients.

Course Fee

US\$ 3,750 per Delegate + **VAT**. This rate includes H-STK® (Haward Smart Training Kit), buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Accommodation

Accommodation is not included in the course fees. However, any accommodation required can be arranged at the time of booking.

Course Program

The following program is planned for this course. However, the course instructor(s) may modify this program before or during the workshop for technical reasons with no prior notice to participants. Nevertheless, the course objectives will always be met:

Day 1: Monday, 20th of July 2026

0800 – 0830	Registration & Coffee
0830 – 0845	Welcome & Introduction
0845 – 0900	PRE-TEST
0900 – 1000	Climate Science & Global Context Greenhouse Gas Mechanisms & Global Warming • IPCC Findings & Future Climate Projections • Key Climate Indicators (Temperature, Sea Level, Extreme Events) • Regional Climate Risks in the Middle East
1000 – 1015	Break
1015 – 1100	Climate Change & Energy Sector Impacts Oil & Gas Contribution to Global Emissions • Physical versus Transition Risks in Energy Sector • Impacts Across Upstream, Midstream, Downstream • Specific Exposure & Vulnerabilities
1000 – 1145	Global Climate Policies & Regulatory Landscape Paris Agreement & Net Zero Targets • Nationally Determined Contributions (NDCs) • Net Zero 2050 Strategy • Carbon Pricing & Regulatory Trends
1145 – 1210	Climate Risk Categories & Frameworks Physical Risks (Acute versus Chronic) • Transition Risks (Policy, Technology, Market) • Liability & Reputational Risks • Introduction to TCFD Risk Framework
1230 – 1300	Physical Risk Identification Extreme Weather (Heatwaves, Storms, Flooding) • Sea Level Rise & Coastal Infrastructure Risks • Water Scarcity & Desertification • Asset-Level Vulnerability Mapping
1300 – 1315	Break
1315 – 1350	Transition Risk Identification Policy & Regulatory Changes • Technological Disruption (Renewables, Hydrogen) • Market Demand Shifts • Competitive Pressures & Investor Expectations
1350 – 1400	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1400	Lunch & End of Day One

Day 2: Tuesday, 21st of July 2026

0800 – 0900	Climate Scenario Analysis 1.5°C, 2°C & 3°C Scenarios • Stress Testing Business Models • Scenario Development Methodologies • ADNOC-Specific Scenario Applications
0900 – 1000	Quantitative Risk Assessment Techniques Probability-Impact Matrices • Financial Modeling of Climate Risks • Value-at-Risk (VaR) Approaches • Sensitivity & Stress Testing
1000 – 1015	Break
1015 – 1130	Climate Data & Analytics Climate Data Sources (IPCC, Regional Datasets) • Use of Geospatial & Satellite Data • Data Uncertainty & Limitations • Digital Tools for Risk Analysis
1130 – 1215	Risk Prioritization & Materiality Assessment Risk Heat Maps & Registers • Materiality Assessment Frameworks • Identifying Critical Assets & Operations • Decision-Making Criteria
1230 – 1300	Climate Strategy Development Setting Emission Reduction Targets • Aligning Scope 1, 2, 3 Strategies • Short-, Medium- & Long-Term Planning • ADNOC Decarbonization Pathways
1300 – 1315	Break
1315 – 1350	Integration with Business Strategy Embedding Climate into Corporate Planning • Capital Allocation & Investment Decisions • Portfolio Optimization • Strategic Diversification (e.g., Hydrogen, Renewables)
1350 – 1400	Recap Using this Course Overview, the Instructor(s) will Brief Participants about the Topics that were Discussed Today and Advise Them of the Topics to be Discussed Tomorrow
1400	Lunch & End of Day Two

Day 3: Wednesday, 22nd of July 2026

0800 – 0900	Climate Risk Mitigation Strategies Risk Avoidance, Reduction, Transfer, Acceptance • Infrastructure Resilience Planning • Technology Adoption (CCUS, Electrification) • Operational Efficiency Improvements
0900 – 1000	Climate Adaptation & Resilience Planning Climate-Proofing Assets & Infrastructure • Emergency Preparedness & Response • Water & Resource Management Strategies • Long-Term Resilience Planning
1000 – 1015	Break
1015 – 1100	Climate Governance & Organizational Structure Board-Level Oversight & Accountability • Roles & Responsibilities Across Departments • Policy Development & Enforcement • Cross-Functional Coordination
1100 – 1200	Climate Disclosure & Reporting TCFD Framework Implementation • CDP & ESG Reporting Standards • ISSB/IFRS Sustainability Reporting • Reporting Practices
1200 – 1230	ESG Integration & Performance Management Climate KPIs & Metrics • Linking ESG Performance to Financial Outcomes • Sustainability Dashboards & Reporting Tools • Investor & Stakeholder Expectations
1230 – 1245	Break

1245 – 1315	Implementation Roadmap & Capstone Workshop <i>Translating Strategy into Actionable Plans • Project Prioritization & Resource Allocation • Developing KPIs & Monitoring Frameworks • Group Exercise: Climate Strategy Roadmap</i>
1315 – 1330	Course Conclusion <i>Using this Course Overview, the Instructor(s) will Brief Participants about Topics that were Covered During the Course</i>
1330 – 1345	POST-TEST
1345 – 1400	<i>Presentation of Course Certificates</i>
1400	<i>Lunch & End of Course</i>

Practical Sessions

This practical and highly-interactive course includes real-life case studies and exercises:-



Course Coordinator

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