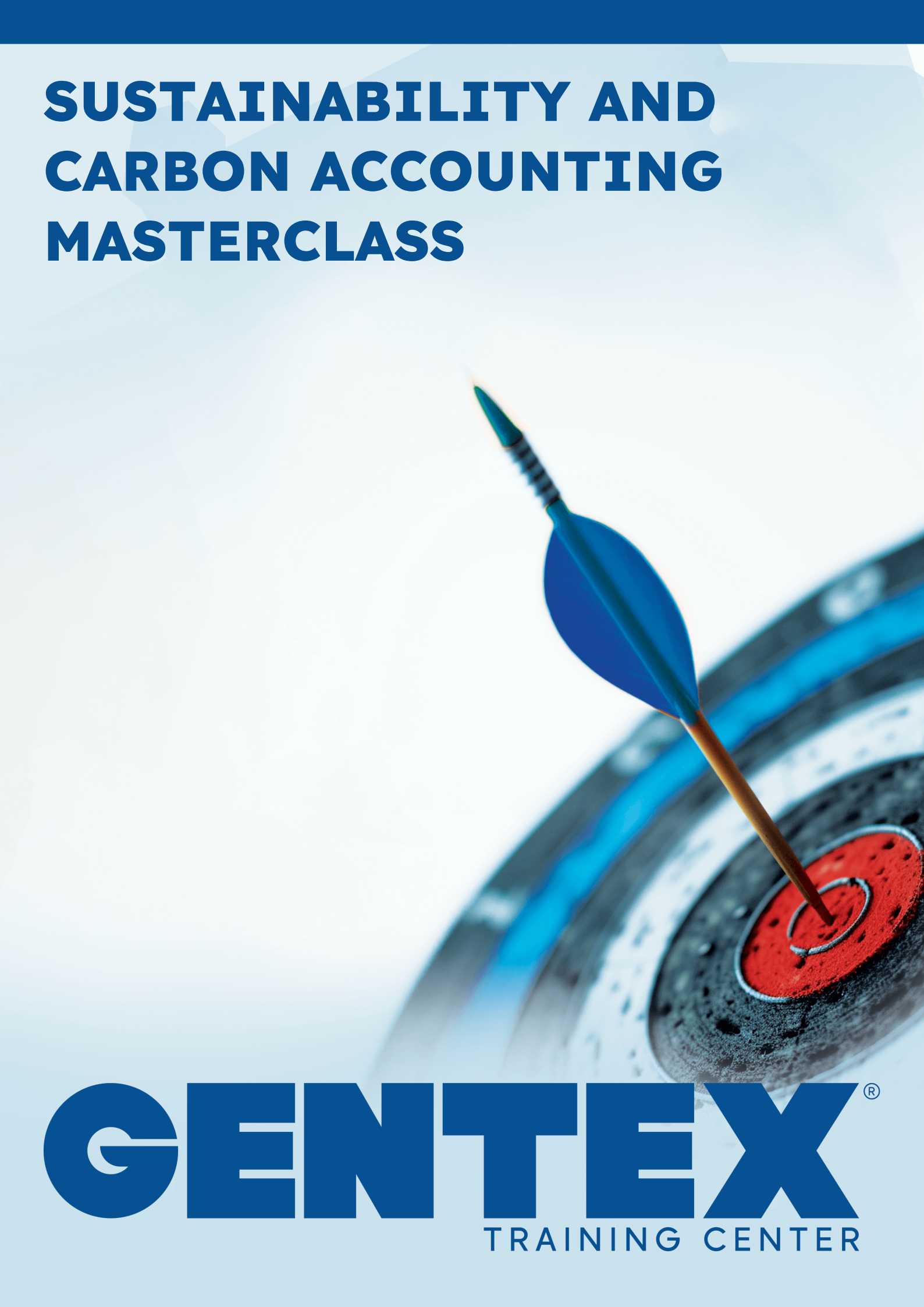
SUSTAINABILITY AND CARBON ACCOUNTING MASTERCLASS



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TRAINING CENTER

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Introduction

Sustainability and Carbon Accounting Masterclass Training Course prepares finance, sustainability and reporting professionals to measure and disclose environmental performance with the same rigour as financial results. Participants learn how greenhouse gas inventories are built, assured and reported, and how sustainability data feeds disclosure, targets and assurance. The programme covers emissions scopes, carbon accounting methods, sustainability reporting standards, target setting and assurance readiness. Furthermore, it addresses data governance, internal controls over sustainability information and greenwashing risk. As a result, delegates can produce sustainability disclosures that survive audit and scrutiny. Gentex Training Center delivers the masterclass through data workshops and applied reporting case work.

Sustainability and Carbon Accounting Masterclass Course Objectives

- Apply greenhouse gas accounting principles under the GHG Protocol.
- Define organisational and operational boundaries for emissions reporting.
- Calculate Scope 1, Scope 2 and Scope 3 emissions.
- Apply emission factors, activity data and calculation methodologies.
- Build a carbon inventory with clear documentation and evidence.
- Apply sustainability reporting standards and disclosure frameworks.
- Set science-based targets and track progress against them.
- Apply internal controls to sustainability data and reporting.
- Prepare sustainability information for assurance and audit review.
- Assess greenwashing risk and strengthen disclosure quality.

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Course Methodology

The masterclass combines technical briefings with hands-on data workshops and applied reporting case studies. Participants build a carbon inventory, apply reporting standards and prepare a disclosure extract for assurance review. In addition, structured peer review sharpens technical judgement, and each day closes with an applied accounting task.

Who Should Take This Course

- Sustainability, ESG and climate reporting professionals.
- Finance and accounting staff responsible for sustainability disclosure.
- Carbon accounting and emissions inventory specialists.
- Internal audit, risk and control professionals covering ESG data.
- Assurance providers and consultants on sustainability reporting.
- Operations, energy and procurement staff supplying emissions data.

Sustainability and Carbon Accounting Masterclass Course Outlines

Day 1: Sustainability and Carbon Accounting Foundations

- Sustainability, climate change and the business case.
- Greenhouse gas accounting principles under the GHG Protocol.
- Organisational boundaries: equity share, financial and operational control.
- Operational boundaries and emissions categorisation.
- Global warming potential and carbon dioxide equivalent conversion.

- Reporting period, base year and recalculation policy.
- Workshop: defining boundaries for a sample organisation.

Day 2: Scope 1 and Scope 2 Emissions Accounting

- Direct emissions from stationary and mobile combustion.
- Process emissions, fugitive emissions and refrigerant losses.
- Scope 2 location-based and market-based methods.
- Purchased electricity, heat, steam and cooling accounting.
- Emission factors, activity data and calculation documentation.
- Renewable energy certificates and contractual instruments.
- Workshop: calculating Scope 1 and Scope 2 emissions.

Day 3: Scope 3 Emissions and Value Chain Accounting

- Scope 3 categories across the value chain.
- Purchased goods and services and capital goods accounting.
- Upstream and downstream transportation and distribution.
- Use of sold products, end-of-life treatment and investments.
- Supplier data collection, spend-based and activity-based methods.
- Data quality, estimation and uncertainty disclosure.
- Workshop: calculating selected Scope 3 categories.

Day 4: Sustainability Reporting Standards and Targets

- Reporting frameworks and standards landscape.
- Climate-related financial disclosure frameworks and requirements.
- Sustainability reporting standards and materiality assessment.

- Science-based target setting and net zero pathways.
- Transition plans, scenario analysis and climate risk disclosure.
- Double materiality and stakeholder expectations.
- Workshop: preparing a disclosure extract under a reporting standard.

Day 5: Controls, Assurance and Disclosure Quality

- Internal controls over sustainability information.
- Data governance, systems and evidence retention.
- Preparing for assurance and limited assurance engagements.
- Common errors, restatements and disclosure pitfalls.
- Greenwashing risk and regulatory expectations.
- Presenting sustainability performance to boards and investors.
- Workshop: presenting a sustainability report for assurance review.

Conclusion

By successfully completing Sustainability and Carbon Accounting Masterclass Training Course, participants will have acquired the knowledge to measure emissions, apply reporting standards and prepare disclosures that withstand scrutiny. They will understand greenhouse gas accounting, scope classification, value chain emissions, reporting frameworks, target setting and assurance readiness, and they will know how to strengthen controls over sustainability data. As a result, delegates improve disclosure credibility and compliance. Gentex Training Center builds the programme around current reporting and accounting practice.

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FAQs for the Sustainability and Carbon Accounting Masterclass course

Q1 What is the "Sustainability and Carbon Accounting Masterclass" course about?

It covers how environmental performance is measured and disclosed. You learn greenhouse gas accounting under the GHG Protocol, Scope 1, 2 and 3 emissions calculation, sustainability reporting standards, science-based target setting, internal controls and assurance readiness.

Q2 What are the key benefits of the "Sustainability and Carbon Accounting Masterclass" course?

You gain the ability to produce sustainability data that survives audit rather than estimates that fall apart under review. You also improve boundary and factor selection, build credible Scope 3 estimates, prepare disclosure under recognised standards, and reduce greenwashing and restatement risk.

Q3 What skills will I gain from the "Sustainability and Carbon Accounting Masterclass" course?

You will gain greenhouse gas inventory and carbon accounting, Scope 1, 2 and 3 emissions calculation and documentation, sustainability reporting standards and target setting application, and sustainability data control, assurance and disclosure quality management.

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Q4 What tools, methods, or standards are covered in the "Sustainability and Carbon Accounting Masterclass" course?

The course covers the GHG Protocol corporate accounting and reporting standard, organisational boundary methods including equity share and financial and operational control, operational boundary setting and emissions categorisation, global warming potential and carbon dioxide equivalent conversion, base year and recalculation policy, Scope 1 stationary, mobile, process, fugitive and refrigerant emissions accounting, Scope 2 location-based and market-based methods, renewable energy certificate and contractual instrument treatment, Scope 3 value chain categories including purchased goods, capital goods, transportation, use of sold products and investments, spend-based and activity-based estimation methods, emission factors and activity data documentation, climate-related financial disclosure frameworks, sustainability reporting standards and materiality assessment, science-based target setting and net zero pathways, transition plan and scenario analysis preparation, double materiality assessment, internal controls over sustainability information, data governance and evidence retention, and limited assurance engagement preparation.

Q5 How is the "Sustainability and Carbon Accounting Masterclass" course applied in real-world practice?

Graduates apply it to define emissions boundaries and build carbon inventories, calculate and document Scope 1, 2 and 3 emissions, convert energy and operational data into carbon figures, prepare sustainability disclosures under recognised standards, support science-based target setting, design controls over sustainability data, ready evidence packs for assurance providers, and respond to regulator and investor scrutiny on climate claims.