Datastat Research
Building Capacity in Training and Research

DATASTAT TRAINING IN

OFFICIAL COURSE PROSPECTUS

Center for Advanced Research & Professional Development

Nairobi Training Center • Global Virtual Academy • Corporate On-Site

ACCOUNTING AND FINANCE

Carbon Accounting and Greenhouse Gas Financial Reporting Training Course

Comprehensive Course Syllabus, Practical Modules & Upcoming Schedules

PROGRAM SPECIFICATIONS & HIGHLIGHTS

- **DURATION**
  5 Days Practical Hands-on
- **DELIVERY MODES**
  In-Person Class & Live Virtual
- **CERTIFICATION**
  Accredited Certificate of Completion
- **INTAKES / DATES**
  Multiple Cohort Schedules Included

PREPARED FOR:

Valued Participant

Email: training@datastatresearch.org | Issued: November 24, 2026

Academic & Professional Training Year: 2026

DATASTAT TRAINING INSTITUTE

P.O. Box 102802-00101, Nairobi, Kenya

Training Centers: Nairobi • Mombasa • Kigali • Dubai • Live Virtual Academy

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www.datastatresearch.org

Carbon Accounting and Greenhouse Gas Financial Reporting Training Course

Accounting and Finance • 5 Days Intensive • Accredited Certification

Course Overview

Carbon Accounting and Greenhouse Gas Financial Reporting Training Course provides comprehensive knowledge and practical skills for measuring, monitoring, managing, and reporting greenhouse gas (GHG) emissions in line with international sustainability standards.

Key Skills & Software Tools Covered

MS Word • Microsoft Excel • SpheraCloud • and IBM Envizi ESG Suite

Upcoming Training Schedules

Confirmed cohort intakes and venues. Both physical in-person classroom and live virtual online seats are available.

TRAINING DATES	LOCATION / VENUE	FORMAT / DURATION	INVESTMENT (FEE)
30 Nov 2026 – 4 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Dec 2026 – 11 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
14 Dec 2026 – 18 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
21 Dec 2026 – 25 Dec 2026	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
28 Dec 2026 – 1 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Jan 2027 – 8 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
11 Jan 2027 – 15 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
18 Jan 2027 – 22 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
25 Jan 2027 – 29 Jan 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Feb 2027 – 5 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Feb 2027 – 12 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Feb 2027 – 19 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Feb 2027 – 26 Feb 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
1 Mar 2027 – 5 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
8 Mar 2027 – 12 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
15 Mar 2027 – 19 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
22 Mar 2027 – 26 Mar 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
29 Mar 2027 – 2 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
5 Apr 2027 – 9 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
12 Apr 2027 – 16 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
19 Apr 2027 – 23 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
26 Apr 2027 – 30 Apr 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**

3 May 2027 – 7 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
10 May 2027 – 14 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
17 May 2027 – 21 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
24 May 2027 – 28 May 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
31 May 2027 – 4 Jun 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
7 Jun 2027 – 11 Jun 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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26 Jul 2027 – 30 Jul 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
2 Aug 2027 – 6 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
9 Aug 2027 – 13 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
16 Aug 2027 – 20 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
23 Aug 2027 – 27 Aug 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
30 Aug 2027 – 3 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
6 Sep 2027 – 10 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
13 Sep 2027 – 17 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
20 Sep 2027 – 24 Sep 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
27 Sep 2027 – 1 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
4 Oct 2027 – 8 Oct 2027	Nairobi	Classroom / 5d	**$1,500 USD / KES 110,000**
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* Corporate discounts and customized cohort scheduling are available for teams of 3 or more participants.

Course Curriculum & Modules

Carbon Accounting and Greenhouse Gas Financial Reporting Training Course

Introduction

Carbon Accounting and Greenhouse Gas Financial Reporting Training Course provides comprehensive knowledge and practical skills for measuring, monitoring, managing, and reporting greenhouse gas (GHG) emissions in line with international sustainability standards. As organisations face increasing pressure to achieve net-zero emissions, strengthen Environmental, Social and Governance (ESG) performance, and comply with climate disclosure requirements, carbon accounting has become an essential component of corporate financial management. This course explores carbon measurement methodologies, emissions inventories, Scope 1, Scope 2 and Scope 3 emissions, carbon footprint assessments, climate-related financial risks, and sustainability reporting frameworks, including the Greenhouse Gas Protocol and International Financial Reporting Standards (IFRS) S1 and S2.

Participants will develop practical expertise in carbon data collection, emissions calculations, carbon valuation, climate risk assessment, and greenhouse gas financial disclosures. The programme examines how carbon emissions influence financial performance, investment decisions, regulatory compliance, and corporate accountability. Through international case studies, participants will learn to integrate carbon accounting into financial reporting systems, sustainability strategies, corporate governance, and decarbonisation planning while supporting transparent disclosures, climate resilience, and long-term business sustainability.

Course Objectives

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

- Apply international carbon accounting principles and methodologies.
- Identify and calculate Scope 1, Scope 2 and Scope 3 emissions.
- Develop comprehensive organisational greenhouse gas inventories.
- Implement carbon footprint measurement and monitoring systems.
- Apply IFRS S1 and S2 sustainability disclosure requirements.
- Evaluate climate-related financial risks and opportunities.
- Integrate carbon data into corporate financial reporting.
- Analyse emissions data using recognised carbon accounting tools.
- Develop credible net-zero and decarbonisation strategies.
- Evaluate carbon pricing, taxation and emissions trading mechanisms.
- Strengthen ESG reporting, transparency and accountability.
- Improve carbon data governance and assurance processes.
- Prepare accurate greenhouse gas financial disclosures.

Organizational Benefits

- Strengthens corporate sustainability and ESG performance.
- Improves greenhouse gas reporting accuracy and transparency.
- Supports compliance with emerging climate disclosure regulations.
- Enhances climate risk management and financial resilience.
- Identifies opportunities for operational cost reduction.
- Supports credible net-zero transition planning.
- Improves investor confidence and stakeholder accountability.
- Strengthens carbon data management and internal controls.
- Supports sustainable investment and financing decisions.
- Enhances corporate reputation and competitive advantage.

Target Audiences

- Chief Financial Officers and Finance Managers.
- Sustainability and ESG Reporting Professionals.
- Carbon Accounting and Climate Change Specialists.

- Internal and External Auditors.
- Environmental Compliance Officers.
- Risk Management and Corporate Governance Professionals.
- Investment Analysts and Financial Consultants.
- Government Regulators and Sustainability Consultants.

Course Duration: 5 days

Course Modules

Module 1: Fundamentals of Carbon Accounting

- Principles and importance of corporate carbon accounting.
- Global climate change policies and carbon management.
- Greenhouse gas classifications and emission sources.
- Carbon accounting boundaries and organisational structures.
- Carbon accounting standards and reporting principles.
- Case Study: Corporate carbon accounting practices at Microsoft.

Module 2: Greenhouse Gas Protocol and Emissions Classification

- Overview of the Greenhouse Gas Protocol.
- Scope 1 direct greenhouse gas emissions.
- Scope 2 purchased electricity and energy emissions.
- Scope 3 value chain emissions and assessment.
- Operational and financial control approaches.
- Case Study: Scope 3 emissions management at Walmart.

Module 3: Carbon Footprint Measurement and Calculation

- Corporate and product carbon footprint assessment.
- Emission factors and activity data collection.
- Carbon dioxide equivalent measurement.
- Emissions calculation methodologies and tools.
- Data validation and calculation accuracy.
- Case Study: Carbon footprint measurement at Unilever.

Module 4: Carbon Data Management and Governance

- Carbon data collection and management systems.
- Internal controls and data quality assurance.
- Digital carbon accounting and automation.
- Carbon reporting responsibilities and governance.
- Emissions monitoring and performance indicators.
- Case Study: Digital sustainability data management at Schneider Electric.

Module 5: Greenhouse Gas Financial Reporting Standards

- Introduction to IFRS S1 and IFRS S2.
- Climate-related financial disclosure requirements.
- Sustainability reporting and materiality assessments.
- Governance, strategy, risk and metrics disclosures.
- Integration of climate information into financial statements.
- Case Study: Climate-related disclosures by global financial institutions.

Module 6: Climate-Related Financial Risks and Opportunities

- Physical and transition climate risks.
- Financial impacts of greenhouse gas emissions.
- Climate scenario analysis and stress testing.
- Carbon liabilities and financial risk exposure.

- Climate-related investment opportunities.
- Case Study: Climate risk disclosures and scenario analysis at HSBC.

Module 7: Carbon Pricing and Financial Valuation

- Internal carbon pricing methodologies.
- Carbon taxes and emissions trading systems.
- Carbon credits and offset valuation.
- Financial implications of carbon pricing.
- Carbon budgets and investment appraisal.
- Case Study: European Union Emissions Trading System.

Module 8: Carbon Reporting, Assurance and Net-Zero Strategies

- Preparation of greenhouse gas financial reports.
- Carbon disclosure verification and independent assurance.
- Sustainability reporting transparency and accountability.
- Net-zero targets and decarbonisation roadmaps.
- Continuous carbon performance monitoring.
- Case Study: Net-zero reporting and decarbonisation at Apple.

Training Methodology

- Expert-led presentations and interactive discussions.
- Practical greenhouse gas accounting exercises.
- Financial reporting simulations and group assignments.
- International corporate case studies and benchmarking.
- Hands-on carbon emissions calculation exercises.
- Group presentations and practical assessments.

Register as a group from 3 participants for a Discount

Send us an email: info@datastatresearch.org or call +254724527104

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to DATASTAT CONSULTANCY LTD account, as indicated in the invoice so as to enable us prepare better for you.

Certification & Learning Methodology

- Hands-on practical delivery with real-world datasets, case studies, and lab exercises.
- Post-training mentorship, access to class resources, and customized follow-up support.
- Participants who successfully complete the course receive an accredited Datastat Certificate of Completion.

How to Enroll & Reserve Your Seat

1. Online Registration: Visit https://datastatresearch.org/courses/carbon-accounting-and-greenhouse-gas-financial-reporting-training-course to register online.
2. Email Booking: Send participant details to training@datastatresearch.org for official invoice & reservation.
3. Support & Assistance: Inquire via phone +254 724 527 104 | +254 734 969 612.