



HEALTH, SAFETY AND SECURITY TRAINING

Greenhouse Gas Accounting and Carbon Footprinting

3 day course

Classroom, online or in-house

Course overview

Emissions numbers now appear in annual reports, lender covenants and customer questionnaires, which makes them subject to assurance and to challenge, and most organisations produce them from data that was never collected for the purpose. This course covers producing defensible ones. Delegates work through organisational and operational boundaries and the consolidation approach chosen, direct and energy indirect emissions and the activity data behind each, and emission factors including their source, vintage and uncertainty. Value chain emissions are covered honestly, since they usually dominate the total and are the least reliable part of it. Base years, recalculation and target setting follow. Assurance readiness is addressed. The course closes on reduction planning and on the claims that cannot be substantiated.

What you will learn

- Set organisational and operational boundaries and a consolidation approach
- Collect activity data for direct and energy indirect emissions
- Select emission factors and document their source and uncertainty
- Estimate value chain emissions and state their reliability
- Set a base year, recalculate and establish targets
- Prepare an inventory for external assurance
- Plan reductions and avoid claims that cannot be substantiated

Who should attend

- Environmental and sustainability practitioners
- Energy managers and engineers
- Finance and reporting staff preparing disclosures
- Auditors providing assurance over emissions data
- Executives accountable for climate commitments

Course outline

- 01 Numbers subject to assurance and challenge
- 02 Organisational and operational boundaries
- 03 Consolidation approaches
- 04 Direct and energy indirect emissions
- 05 Activity data and its collection
- 06 Emission factors, vintage and uncertainty
- 07 Value chain emissions and their reliability
- 08 Base years, targets, assurance and substantiated claims

Upcoming dates

Dates	Venue	Format	Fee per delegate
9 to 11 November 2026	Lagos, Nigeria	Classroom	USD 995
18 to 20 November 2026	Nairobi, Kenya	Classroom	USD 995
2 to 4 December 2026	Dar es Salaam, Tanzania	Classroom	USD 995
14 to 16 December 2026	Maputo, Mozambique	Classroom	USD 995



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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