



Bringing Scientific & Technical
Resources to the Africa Continent

CARBON FOOTPRINT MEASUREMENT AND ENVIRONMENTAL ACTION STRATEGY

**12TH - 15TH
OCTOBER.**

NITA ACCREDITED TRAINING(NITA/TRN/2455)

COURSE INTRODUCTION

Carbon footprint measurement has become essential pillars in the global effort to combat climate change and achieve sustainable development goals. This course provides a comprehensive foundation in understanding how carbon emissions are measured, analyzed and managed across industries, organizations and supply chains. Participants will gain practical knowledge of emissions accounting frameworks and strategic approaches for reducing environmental impact. Organizations are increasingly required to quantify and disclose their carbon emissions with accuracy and transparency. This training equips participants with the methodologies and tools needed to calculate carbon footprints across direct and indirect emission sources. It also explains how carbon data is used to guide corporate sustainability strategies and environmental performance improvements.

Who should Attend?

1. Carbon accounting specialist.
2. Environmental & Sustainability Professional
3. Environmental Management Practitioners and Auditors.
4. Climate change analysts and Consultants.
5. Industrial/Production Managers — Factory managers, operations leads and production engineers in sectors like food processing, textiles, plastics and chemicals.
6. Government & Regulatory Officials — Officers from environment ministries, county/municipal environmental departments, NEMA and similar agencies.
7. Urban Planners & Infrastructure Developers
8. Development Finance & Investment Professionals — ESG analysts, green finance officers and development bank program officers.
9. Entrepreneurs & Circular Economy Startups.
10. NGO & Development Program

Day 1	Activity
5:30 pm-9:00 pm	• Registration. • Official opening of the training.
1 HRS	
2 HRS	• Learning objectives and housekeeping. • Fundamentals of Carbon footprint. Introduction to climate science.
2 HRS	• International compliance and regulations; regulatory frameworks • disclosure compliance strategies; • Role of governments/institutions
Day 2	Activity
5:30 pm-9:00 pm	• Carbon Accounting Frameworks & Standards GHG Protocol; ISO 14064; ESG reporting frameworks; harmonizing global standards
1 HR 30 MIN	
1 HR 30 MIN	• C-Scope 1, 2, and 3 Emissions Analysis. • Scope 1 direct emissions; Scope 2 energy/electricity; Scope 3 supply chain complexity; improving data accuracy
1 HR 30 MIN	• Carbon Footprint Calculation Methodologies. • Calculation methods; emission factors & conversions; lifecycle-based accounting; calculation tools/models.

Chrom Africa Instrumentation Services Limited

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Day 3	Activity
5:30 pm-9:00 pm	- Environmental action Strategy Development. - Emissions reduction strategy design; integrating sustainability into governance; reduction opportunities; performance indicators
1 HR 30 MIN	- Decarbonization & Net-Zero Strategies (Part 1) - Net-zero frameworks; renewable energy & efficiency improvements
1 HR 30 MIN	- Decarbonization & Net-Zero Strategies (Part 2) - Carbon offsetting & removal mechanisms; decarbonization roadmap development
Day 4	Activity
5:30 pm-9:00 pm	Lifecycle Emissions & Supply Chain Analysis.
1 HR 30 MIN	Digital Tools & Carbon Analytics (Part 1 & Part 2)
1 HR 30 MIN	- Future trends in Carbon Management. - Question and Answer session. Closin remarks from director



or USD 350.00

exclusive of taxes

VIRTUAL

Online Training available at: www.chromaffrica.com

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