

Fundamentals of Carbon Management: A 5-Day Intensive Course

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Kigali (Rwanda)

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The Program Flow

Day 1: Introduction to Carbon Management

- Understand the fundamentals of climate change science and the policy landscape.
- Explore carbon management principles and their role in business sustainability.
- Identify key carbon management frameworks and implementation approaches.
- Conduct an introductory organizational carbon footprint assessment.
- Understand the basics of greenhouse gas accounting.

Day 2: Greenhouse Gas Accounting and Reporting

- Understand the GHG Protocol and other carbon accounting standards.
- Differentiate between Scope 1, Scope 2, and Scope 3 emissions.
- Apply data collection methods for emissions measurement.
- Improve data quality, consistency, and traceability.
- Develop carbon disclosure and reporting practices for stakeholders and regulatory needs.

Day 3: Carbon Reduction Strategies

- Identify carbon reduction opportunities across business operations.
- Apply energy efficiency and renewable energy solutions.
- Develop sustainable transportation and logistics strategies.
- Manage supply chain emissions and engage suppliers in reduction efforts.
- Set carbon-neutral and net-zero targets aligned with organizational priorities.

Day 4: Carbon Markets and Offsetting

- Understand carbon pricing and carbon trading mechanisms.
- Compare compliance carbon markets and voluntary carbon markets.
- Explore carbon offset project types and verification standards.
- Evaluate carbon offset quality, credibility, and suitability.
- Develop offsetting strategies that support broader emissions reduction plans.

Day 5: Implementing Carbon Management Plans

- Develop a structured carbon management strategy.
- Build stakeholder engagement and communication approaches.
- Apply monitoring, reporting, and verification practices.
- Track progress against carbon reduction targets and performance indicators.
- Explore emerging technologies and trends shaping carbon management.

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A graphic of a chessboard with several chess pieces (a king, a queen, a rook, and a pawn) positioned on it. The board is white and black, and the pieces are gold and silver. The graphic is located in the bottom right corner of the page.

Individual Impact

- Build confidence in understanding and applying carbon management practices.
- Strengthen skills in carbon footprint assessment and greenhouse gas accounting.
- Improve the ability to design practical emissions reduction strategies.
- Gain knowledge of carbon markets, offsets, and reporting requirements.
- Develop stronger capability in stakeholder communication and carbon planning.

Work Impact

- Improve organizational readiness for carbon reporting and climate-related expectations.
- Support emissions reduction through structured carbon management plans.
- Strengthen sustainability performance and stakeholder confidence.
- Improve decision-making around carbon offsets, markets, and net-zero pathways.
- Enable better monitoring, reporting, and verification of carbon initiatives.

Training Methodology

This program combines carbon management concepts with practical application through:

- Climate science and carbon management framework discussions.
- Carbon footprint assessment exercises.
- GHG accounting and emissions data collection workshops.
- Carbon reduction planning and target-setting activities.
- Carbon market and offset evaluation case studies.
- MRV, stakeholder communication, and carbon management plan development exercises.

Beyond the Course

Upon completion, participants will be able to:

- Conduct basic organizational carbon footprint assessments.
- Apply greenhouse gas accounting methods and reporting standards.
- Develop carbon reduction strategies for their organizations.
- Evaluate carbon offset projects and carbon market opportunities.
- Create comprehensive carbon management plans.
- Monitor, report, and communicate carbon performance more effectively.

The graphic features the text 'UK Training' in a small, grey font above the word 'PARTNER' in a large, bold, black font. This text is positioned over a background of concentric grey circles and a chessboard pattern. In the foreground, three chess pieces—a gold king, a silver pawn, and a black pawn—are visible on the chessboard.

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