

Training Program on *Carbon Accounting 101*

ABOUT THE PROGRAM

The Carbon Accounting 101 Training Program is a comprehensive introductory course designed to provide participants with a foundational understanding of carbon accounting. It covers key concepts, methodologies, and regulatory frameworks. The program includes resources such as PowerPoint presentations, handouts, case studies, calculation spreadsheets, and recommended reading materials. Evaluation methods include quizzes, assignments, and group exercises. The program can be expanded upon for further learning in subsequent modules.

Participants will receive a Certificate of Achievement, and the training is HRD Corp claimable. The program offers flexible pricing options to accommodate various budgets.

WHO SHOULD JOIN?

The program is suitable for environmental and sustainability professionals, energy and facility managers, CSR coordinators, financial and accounting staff, consultants and auditors, and individuals seeking a basic understanding of carbon accounting.

LEARNING OBJECTIVES:

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

1. Understand the significance of carbon accounting in the context of sustainability and climate change mitigation.
2. Define key carbon accounting terms, such as greenhouse gases, carbon footprint, and carbon neutrality.
3. Identify common sources of greenhouse gas emissions and understand the concept of scopes.
4. Comprehend the basics of carbon accounting methodologies and calculation techniques.
5. Learn about relevant regulatory frameworks and reporting standards.
6. Gain awareness of available tools and resources for carbon accounting.
7. Begin developing strategies for implementing carbon accounting practices within organizations.
8. Communicate the basic concepts of carbon accounting to stakeholders.

DURATION

1-2 days (can be adjusted based on specific requirements)

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TRAINING CONTENT

Session 1: Introduction to Carbon Accounting

- Definition and importance of carbon accounting
- Link between carbon accounting and sustainability
- Role of carbon accounting in addressing climate change

Session 2: Key Concepts in Carbon Accounting

- Overview of greenhouse gases and their impact
- Understanding carbon footprint and its components
- Introduction to carbon neutrality and its implications

Session 3: Greenhouse Gas Emissions and Scopes

- Common sources of greenhouse gas emissions (energy, transportation, waste, etc.)
- Explanation of emission scopes (Scope 1, Scope 2, Scope 3)
- Examples of emissions within each scope

Session 4: Carbon Accounting Methodologies

- Overview of carbon accounting methodologies (activity-based, input-output, etc.)
- Introduction to emission factors and conversion calculations
- Basics of data collection and measurement techniques

Session 5: Regulatory Frameworks & Reporting Standards

- Introduction to relevant regulatory frameworks (international, national, and regional)
- Overview of reporting standards and guidelines (e.g., GHG Protocol)
- Compliance requirements and reporting obligations

Session 6: Tools and Resources for Carbon Accounting

- Available software and online platforms for carbon accounting
- Recommended calculation tools and templates
- Online resources and databases for emission factors and benchmarks

Session 7: Implementing Carbon Accounting Practices

- Strategies for initiating carbon accounting within organizations
- Roles and responsibilities of key stakeholders
- Identifying data sources and establishing data management systems

Session 8: Communicating Carbon Accounting Concepts

- Effective communication strategies for stakeholders
- Presenting carbon accounting data and metrics
- Promoting sustainability culture and behavior change

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