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CARBON FOOTPRINT OVERVIEW
CFP OVERVIEW
ONLINE TRAINING BY KRISHNAJI PAWAR
LEED AP(BD+C),GSAS CGP,GCP,ISO 14001
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MODULE 6

Business Applications of Corporate GHG Inventories

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CARBON FOOTPRINT OVERVIEW

This lecture will explain why firms and other organizations invest in GHG inventories and how they can help accomplish business goals.Finally, carbon accounting fundamentals will be covered.

Learning Objectives

- Introduction
- Origins of Carbon Accounting
- Fundamentals of carbon accounting
- Kyoto Protocol and beyond
- Professional Certification for Carbon Auditing
- Business Applications of Corporate GHG Inventories
- Summary and Resources

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INTRODUCTION

- Understanding motivations for GHG inventory development.
- Exploring inventory's potential in achieving business objectives.
- Presenting fundamental regulations and principles of carbon accounting.

BUSINESS BENEFITS OF GHG MANAGEMENT

- Tracking and verifying corporate social responsibility goals.
- Identifying opportunities to reduce waste and costs.
- Benchmarking performance and improving competitiveness.
- Participating in GHG emission markets.
- Providing information to shareholders and stakeholders.
- Participating in GHG reporting programs.
- Assessing liabilities and preparing for future GHG policies.
- The inventory can serve as the foundation for a broader GHG management strategy.
- Not all benefits are equally relevant to every organization.



CORPORATE RESPONSIBILITY GOALS FOR GHG EMISSIONS

- Organizations set GHG reduction goals or targets related to energy consumption.
- Targets can be absolute reductions (reduction in tons of emissions) or intensity reductions (reduction in emissions per unit of produced goods or services).
- DuPont, a major chemical company, set an absolute target of 65% reduction in GHG emissions from 1990 to 2010.
- DuPont achieved a 60% reduction through an end-of-pipe capture and destroy technique for N2O.



PARTICIPATION IN GHG MARKETS

- Companies seek participation in Kyoto Protocol's Clean Development Mechanism (CDM).
- European Union's Emissions Trading Scheme (EU-ETS).
- Chicago Climate Exchange (CCX).
- Voluntary retail emission offset markets.
- Conducting GHG inventory can identify reduction project opportunities.
- Potential for yielding tradable credits through these markets.



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GHG INVENTORY DEVELOPMENT AND MANAGEMENT

- Benefits companies and organizations through tracking corporate social responsibility goals.
- Identifies opportunities to reduce waste and costs.
- Benchmarks performance for competitiveness improvement.
- Participates in GHG emission markets.
- Provides information to shareholders and stakeholders.
- Participates in GHG reporting programs.
- Assesses liabilities and prepares for future GHG policies.



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