

CHARTERED 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CERTIFIED CARBON MANAGEMENT LEADER™

CCML™

**Fully Accredited
By:**

Chartered Institute of
Professional Certifications

CPD
Certification Service



PROGRAM OVERVIEW



Carbon management is integral to combating climate change and fostering sustainable development. It serves as a vital component of business strategy and decision-making process, particularly as carbon emissions increasingly influence regulatory, financial, and stakeholder pressures. Through detailed analysis of a **company's carbon footprint and potential carbon reduction strategies**, carbon management provides essential insights, enabling organizations to make informed decisions, mitigate climate-related risks, and capitalize on opportunities.

This Certified Carbon Management Leader (CCML™) program is specifically designed to equip you with a thorough understanding of creating and implementing an effective carbon management plan for your organization. You will be introduced to every key aspect of **carbon management, starting from carbon accounting to regulatory landscape, carbon reduction, strategies, and eventually, reporting and disclosure**. You will gain a clear grasp of both quantitative methodologies, tools, and techniques required for calculating a carbon footprint and qualitative approaches for managing carbon emissions that are in line with **global climate commitments and environmental laws across major jurisdictions**.

By integrating carbon management into your organization's strategic planning and operational processes, you will also be able to design an effective **Carbon Management Plan (CMP) that can help to mitigate or offset any adverse environmental impacts of your initiatives**. Furthermore, you will be able to complete the carbon management cycle by conducting proper monitoring and verification activities to ensure all carbon aspects have been accounted for before presenting comprehensive and quality carbon reports to your stakeholders.

Upon concluding the program and passing the Chartered exam, you will earn the **Certified Carbon Management Leader (CCML™)** designation which you can use to showcase your professional credentials and expertise in carbon management. Globally recognized and demanded, the CCML™ designation will demonstrate your expertise in **carbon management, including carbon accounting, policy frameworks, and carbon reduction strategies**. This designation has lifelong validity and is independently accredited by CPD, adhering to the highest standards for continuing professional development. With the CCML™ designation, you will be at the forefront of **driving sustainable change**, contributing to global climate goals, and steering your organization towards a low-carbon and sustainable future.

ACCREDITATIONS



4.8



4.6



KEY SKILLS YOU WILL GAIN

From This Program



CARBON MANAGEMENT STRATEGIES
LIFE CYCLE ASSESSMENT
CARBON FOOTPRINT CALCULATION
GREENHOUSE GAS EMISSIONS

GREENWASHING
CARBON ACCOUNTING
EN-ROADS
CLIMATE JUSTICE

CARBON EMISSIONS: SCOPE 1/2/3
GREENHOUSE GAS (GHG) PROTOCOL
CARBON REPORTING
CARBON PATHWAYS AND DECARBONIZATION

CARBON CAPTURE AND STORAGE (CCS)
NET ZERO
CARBON MANAGEMENT PLAN
SCIENCE BASED TARGETS (SBTI)
CARBON OFFSET IMPLEMENTATION

CARBON DISCLOSURE PROJECT (CDP)
CARBON ACCOUNTING

YOUR FACULTY DIRECTOR



Dr. Petra Molthan-Hill

Professor of Sustainable Management and Education for Sustainable Development

Dr. Petra Molthan-Hill is a highly respected academic and renowned expert in the fields of Sustainable Management and Education for Sustainable Development (ESD). As **Co-Chair of the United Nations Principles for Responsible Management Education (PRME) Working Group on Climate Change and Environment**, she plays a pivotal role in driving climate action and environmental stewardship within the business education sector.

Currently holding the position of **Professor of Sustainable Management and ESD at Nottingham Business School, Nottingham Trent University, UK**, Dr. Molthan-Hill demonstrates unwavering dedication to advancing sustainability knowledge and practices among students, professionals, and organizations. Her expertise lies in **Climate Change Mitigation Tools, Greenhouse Gas Management, and ESD**, and she has been widely recognized with numerous international awards for her outstanding contributions in these areas. She leads the ground-breaking initiative **Climate Literacy Training for Educators, Communities, Organizations, and Students' (CLT-ECOS)**, which has garnered global recognition.

As a testament to her thought leadership, Dr. Molthan-Hill is the **lead author of the highly acclaimed 'Handbook of Carbon Management: A Step-by-Step Guide to High-Impact Climate Solutions for Every Manager in Every Function.'** This comprehensive resource serves as an indispensable guide for managers across various domains, enabling them to navigate the complexities.

YOUR FACULTY DIRECTOR



Stephen Snider

Renowned Sustainability Expert and Sustainable Finance Lead

Stephen Snider is a prominent figure in **sustainable finance and a dedicated environmental advocate**. With an extensive background in corporate banking and finance, he has garnered invaluable expertise over the course of a decade, working with esteemed global institutions such as State Street, Santander, and Ameriprise. Stephen's proficiency extends across multiple domains, including **asset management, corporate treasury, reporting, and analytics**. He has **proactively engaged in carbon literacy training, equipping himself with an in-depth understanding of carbon management and its practical application within the finance industry**.

Currently, Stephen holds the position of **Sustainable Finance Lead at oikos International, where he spearheads the development of training programs and workshops aimed at instilling sustainability knowledge** among higher education institutions and young professionals. Demonstrating his thought leadership, he has **authored and published numerous articles covering a range of topics, including sustainability, impact investing in the Caribbean, and the advancement of small island states**.

OUR PARTICIPANTS

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Pfizer
Life is our life's work

Nestlé

PROGRAM AGENDA



MODULE 1 - CARBON LITERACY

- Overview - Why Do We Need This?
- Transforming The World We Live In
- Save Money
- EnROADS - Energy Rapid Overview And Decision-Support
- Where Are We Headed?
- Our World Is Out of Rhythm
- Climate Justice
- Global Recognition Of Action
- Change Is Possible
- Case Study - Emissions Negotiation

MODULE 2 - SCOPES, CO2E AND OTHER IMPORTANT TERMS

- Overview - Scopes, Co2e And Other Important Terms
- Historical Background
- Common Terms
- Defining Scope
- Carbon Steps
- Organizational Boundaries
- Carbon Calculators
- Carbon And You
- Case Study

MODULE 3 - CARBON MANAGEMENT IMPLEMENTATION

- Introduction - Carbon Management Implementation
- Carbon Plan
- Carbon Management Strategies
- Carbon Accounting
- Operational & Organizational Boundaries
- Carbon Inventories
- Counting Emissions
- Acting On Climate Change
- Green Teams
- Carbon Offsets
- Case Study - Climate In The Boardroom

MODULE 4 - CARBON MANAGEMENT - SOLUTIONS, PATHWAYS AND PROCESSES

- Overview - Carbon Management - Solutions, Pathways, And Processes
- Net Zero
- Project Drawdown
- Roadmap For Energy
- Climate Models
- Possible Futures
- Natural Storage And Carbon Capture
- Role Of Corporations
- Action By Countries
- Individual Action
- Case Study - Business Implications

PROGRAM AGENDA



MODULE 5 - SUSTAINABLE FINANCE & CARBON MANAGEMENT

- Overview - Sustainable Finance & Carbon Management
- Background To Finance
- Climate Change Risk
- What Is Sustainable Finance
- Impact Investing
- Carbon Markets
- You And Banking
- Case Study - ESG & Aviva Investors

MODULE 6 - CORPORATE CARBON ACTION

- Overview - Corporate Carbon Action
- Action Across Many Areas
- Transportation (Part 1)
- Transportation (Part 2)
- Meetings
- Food & Consumption
- Food Waste
- Sustainable Events
- Digital Footprint
- Case Study - Digital Footprint

MODULE 7 - REPORTING AND DISCLOSURE

- Overview - Reporting & Disclosure
- Revisiting Carbon Accounting
- Conversion Factors
- Calculating Scope
- Why We Need Good Data?
- Science Based Target initiative (SBTi)
- Carbon Disclosure Project (CDP)
- Reporting & Greenwashing
- Case Study - Transition Risk

MODULE 8 - CLIMATE COMMUNICATION

- Overview - Climate Communication
- Importance Of Climate Communication
- IPCC Guide On Communication
- Climate Outreach
- Engaging Stakeholders
- Internal Communication
- External Communication
- Reporting
- Marketing
- Social Media
- Case Study - Communication Examples

PROGRAM AGENDA



MODULE 9 - CLIMATE LEADERSHIP

- Overview - Climate Leadership
- Lead For The Planet
- Get The Truth (Part 1)
- Habermas Summary
- Get The Truth (Part 2)
- Assess The Risk
- Weigh The Stakes
- Define The Business Of Business
- Engage Global Leadership
- What's The Plan & Case Study
- Case Study - PWC

MODULE 10 - WHAT COMES NEXT?

- Overview - What Comes Next?
- What We Need To Achieve?
- Putting It All Together
- Measure
- Target
- Engage
- Action
- Report
- Climate Leadership Now
- Make A Plan
- Where To Start
- Want To Learn More
- Case Study - DuPont

EXAMINATION

YOUR CHARTER DESIGNATION



Upon completion of the program and successfully passing the Chartered exam, you will be awarded the prestigious **Certified Carbon Management Leader (CCML™)** designation, which can be showcased in your resume, CV, and other professional credentials. This globally recognized and respected credential serves as a testament to your expertise in the field, granting you lifelong validity.

As a **CCML™** certificate holder, you will stand out as an **authority in Carbon Management**, elevating your credibility and appeal to prospective employers or clients. Developed by the **Chartered Institute of Professional Certifications**, this industry-recognized and trademarked charter sets you apart in the competitive Carbon Management landscape. Additionally, the program's content has been independently accredited and certified by the **Continuing Professional Development (CPD) organization**, ensuring that it adheres to the **highest standards of continuing professional development**.

ABOUT US

49,525

Business Leaders Have
Attained Their Chartered
Certifications Since 2009

390

Certified and Fully
Accredited Programs

87%

Chartered Leaders Have
Reported Career Promotions
and Enhancements

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All of Chartered Institute of Professional Certifications programs are fully accredited programs. The professional charters and designations are trademarked credentials that can only be used by professionals who have completed and passed our accredited program. It is also independently accredited by CPD as adhering to the highest standards of continuing professional principles.

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CONTACT US TODAY

We Thank You for Your Ongoing Support
of Our Programs

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