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CANADA CLIMATE-RELATED FINANCIAL DISCLOSURE, CARBON ACCOUNTING AND SCOPE 1, 2 AND 3 CARBON EMISSIONS REPORTING

Fully Accredited By:

Chartered Institute of Professional Certifications

CPD Certification Service



PROGRAM OVERVIEW

Canada's climate-related financial disclosure and Scope 1, 2 and 3 reporting is widely regarded as one of the most challenging corporate reporting obligations, because it fuses **financial reporting, environmental science, engineering, regulatory compliance, and supply chain management into a single governance framework**. Additionally, tracking these indirect **emissions across thousands of suppliers** means contending with inconsistent data quality and limited visibility, making full compliance a resource-intensive challenge for even the best-equipped organizations.

This certified program equips you to operationalize climate reporting across your organization with structure, rigor, and confidence. You will learn to **connect board oversight, business strategy, and financial reporting through a coherent disclosure framework**, turning fragmented climate information into decision-useful insight. You will also sharpen your ability to identify financially material climate issues, assess physical and transition risks, and apply scenario analysis to test organizational resilience.

Building on this foundation, you will translate climate risks into credible transition plans and measurable decarbonization pathways. You will also gain practical expertise in **building defensible carbon inventories across Scope 1, 2, and 3 emissions**.

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PROGRAM OVERVIEW

By refining organizational boundaries, emissions methodologies, and value-chain data quality, you will produce carbon information that is reliable, accurate, and ready to inform high-stakes climate decisions.

Finally, you will **strengthen carbon data governance, internal controls, and assurance readiness**. You will learn to **create clearer audit trails, connect sustainability information with financial statements, and improve disclosure consistency**, equipping you to withstand external scrutiny, substantiate environmental claims, and minimize greenwashing exposure while reinforcing regulatory confidence and safeguarding your organization's credibility.

Upon successful completion, you will earn the **Certification in Canada Climate-Related Financial Disclosure and Carbon Accounting**. This distinguished credential validates your advanced capability to translate complex climate requirements into credible corporate reporting and positions you as a trusted authority ready to lead climate disclosure and carbon management initiatives across your organization.

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KEY SKILLS YOU WILL GAIN

From This Program



- CSDS CLIMATE DISCLOSURE
- IFRS SUSTAINABILITY DISCLOSURE
- OSFI GUIDELINE B-15 ALIGNMENT
- CLIMATE DISCLOSURE GOVERNANCE
- FINANCIAL MATERIALITY ASSESSMENT
- SASB INDUSTRY METRICS INTEGRATION
- PHYSICAL CLIMATE RISK ASSESSMENT
- TRANSITION CLIMATE RISK ASSESSMENT
- CLIMATE SCENARIO ANALYSIS
- CLIMATE RESILIENCE PLANNING
- FINANCIAL STATEMENT CONNECTIVITY
- CLIMATE-ADJUSTED CAPITAL ALLOCATION
- DECARBONIZATION PATHWAY DESIGN
- NET-ZERO TRANSITION PLANNING
- SCIENCE-ALIGNED TARGET SETTING
- GHG PROTOCOL APPLICATION
- SCOPE 1 INVENTORY DEVELOPMENT
- SCOPE 2 LOCATION- & MARKET-BASED ACCOUNTING



YOUR FACULTY DIRECTOR

Dilhari Fernando

Highly Accomplished Climate Strategy, Sustainable Finance & ESG Disclosure Expert

Dilhari Fernando is a distinguished sustainability and climate strategy executive with over 20 years of leadership experience across Canada's corporate, investment, and government sectors. As Chief Sustainability Strategy Officer at Canadian Nuclear Laboratories, she **leads enterprise-wide decarbonization and sustainability initiatives within a multi-billion-dollar transformation agenda, integrating net-zero objectives into capital investments, corporate governance, operational strategy, and public sustainability reporting**. Previously, as Managing Director at PSP Investments, she helped develop and **launch its inaugural Climate Strategy, contributed to its green taxonomy and green bond framework, and directed ESG and annual reporting publications**.

As General Manager of Corporate Sustainability at Canada Post, Dilhari **managed a $500 million ESG budget, established science-based climate targets, developed decarbonization roadmaps, and oversaw ESG disclosures**. Her federal leadership experience includes helping develop Canada's first Pan-Canadian climate framework and securing over $100 million for climate mitigation and adaptation. An experienced board director, she holds an MBA, a Master of Forestry, and the Global Competent Boards ESG designation (GCB.D).

OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before





















PROGRAM AGENDA

MODULE 1 - NAVIGATING THE GLOBAL AND CANADIAN CLIMATE DISCLOSURE LANDSCAPE

- Business Drivers & Risk Environment
  - Investor demand, compliance trajectories, competitive differentiation, capital access, and global risk profiles
- The Global & Canadian Baseline
  - Transitioning from legacy frameworks (GRI, CDSB, TCFD, SASB) to IFRS S1/S2 and CSDS 1/2.
- Canadian Regulatory Landscape
  - OSFI Guideline B-15 expectations for FRFIs, CSA regulatory updates, and jurisdictional alignment.
- Domestic Implementation
  - CSDS phase-in timelines, Canadian transition reliefs, and building internal cross-functional alignment (Finance, Risk, Legal, Sustainability).

MODULE 2 - CORE ARCHITECTURE - ISSB/CSDS 4-PILLAR BASELINE

- Foundation & Principles
  - Connectivity (linking financial reports to sustainability disclosures), consistency of data/assumptions across disclosures, fair representation, and application of reasonable/supportable information.
- Pillar 1 — Governance
  - Disclosing board and management oversight, climate competencies, operational reporting channels, and executive remuneration linkages.
- Pillar 2 — Strategy
  - Defining short-, medium-, and long-term time horizons tied to asset life cycles; disclosing current and anticipated financial effects on business models and value chains.
- Pillar 3 — Risk Management
  - Disclosing processes used to identify, assess, prioritize, and monitor sustainability and climate risks/opportunities, including integration into Enterprise Risk Management (ERM) frameworks.
- Pillar 4 — Metrics & Targets
  - High-level requirements for cross-industry metrics, industry-specific metrics (built on SASB), GHG performance baseline expectations, and tracking progress toward entity-defined targets.

PROGRAM AGENDA

MODULE 3 - FINANCIAL MATERIALITY ASSESSMENT & DISCLOSURE THRESHOLDS

- Financial vs. Double Materiality
  - Distinguishing ISSB (IFRS S1 / CSDS 1) financial materiality for primary capital providers from EU CSRD/ESRS double materiality.
- 6-Step Materiality Process
  - Value chain mapping, dependency identification, filtering risks/opportunities, and setting quantitative/qualitative threshold limits.
- SASB Integration
  - Utilizing industry-specific SASB standards to identify sector-relevant material topics.

MODULE 4 - CLIMATE RISK TAXONOMY - PHYSICAL & TRANSITION RISK FRAMEWORKS

- Physical Climate Risks
  - Acute Hazards: Severe event-driven risks (e.g., wildfires, extreme precipitation, ice storms).
  - Chronic Hazards: Long-term structural shifts (e.g., mean temperature rises, sea-level rise, permafrost thaw).
- Transition Climate Risks
  - Policy & Legal: Carbon pricing backstops (e.g., Canadian Federal OBPS) and legal liabilities.
  - Market & Tech: Low-carbon demand shifts, capital reallocation, and stranded asset exposure.
  - Reputational: Changing stakeholder expectations and greenwashing risks.

MODULE 5 - CLIMATE SCENARIO ANALYSIS DISCLOSURES

- Reference Pathways: Utilizing Standard Pathways
- Critical Inputs & Boundaries
  - Macroeconomic parameters, carbon pricing trajectories, physical hazard probabilities, and operational vs. value-chain boundaries.
- Disclosure Requirements
  - Disclosing key assumptions, limitations, analytical choices, and management judgments embedded in models.
- Canadian Transition Relief
  - Applying CSDS 2's 3-year qualitative scenario analysis phase-in relief before requiring full numerical quantification.

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MODULE 6 - EVALUATING CLIMATE RESILIENCE

- Defining Resilience
  - Measuring operational flex, strategic agility, and financial capacity beyond simple risk identification.
- Core Capacity Metrics
  - Evaluating liquidity buffers, insurance coverage viability in expanding risk pools, supply chain redundancies, and capital allocation flex.
- Strategic Adaptation
  - Assessing whether current business strategies remain viable or require structural pivots (e.g., asset divestments, portfolio diversification).

MODULE 7 - DECARBONIZATION PATHWAYS & NET-ZERO STRATEGY

- Target Setting Frameworks
  - Aligning targets with global pathways using Science Based Targets initiative (SBTi) frameworks (Absolute Contraction vs. Sectoral Decarbonization).
- Transition Plan Disclosures
  - Reporting interim and long-term GHG targets, base years, reliance on carbon credits, and CapEx financing plans under CSDS 2.

MODULE 8 - FINANCIAL STATEMENT CONNECTIVITY & QUANTIFIED IMPACT

- P&L and Balance Sheet Bridge
  - Disclosing current and anticipated financial effects on financial position, cash flows, and performance.
- Valuation & Impairments
  - Linking climate transition risks to asset impairment tests, useful asset lives, provisions, and CapEx allocations.
- Qualitative vs. Quantitative Financial Reporting
  - Navigating qualitative descriptions when financial impact uncertainty is extremely high versus quantified financial estimates.

MODULE 9 - GHG ACCOUNTING FUNDAMENTALS - SCOPE 1 & SCOPE 2

- Organizational Boundaries
  - Selecting and applying Operational Control, Financial Control, or Equity Share approaches.
- Direct Scope 1 Emissions
  - Quantifying emissions across facilities.

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- Indirect Scope 2 Emissions
  - Calculating emissions under Dual Reporting (Location-based vs. Market-based methods) and managing Renewable Energy Certificates (RECs).

MODULE 10 - SCOPE 3 EMISSIONS & VALUE CHAIN ACCOUNTING

- 15 Scope 3 Categories
  - Prioritizing material upstream categories (purchased goods, capital goods) and downstream categories (use/end-of-life of sold products).
- Financed Emissions (Category 15)
  - Applying the PCAF (Partnership for Carbon Accounting Financials) standard for financial institutions and asset managers.
- Data Quality & Reliefs
  - Managing primary vendor data vs. secondary hybrid proxies; navigating CSDS 2's 3-year Scope 3 transition relief.

MODULE 11 - DATA SYSTEMS, INTERNAL CONTROLS & AUDIT READINESS

- Data Architecture
  - Automated data ingestion, ERP system integration, and carbon accounting software workflows.
- Internal Controls
  - Segregation of duties, verification controls, data governance, and maintaining an audit trail for non-financial metrics
- Assurance Preparation
  - Understanding verification standards (ISAE 3410, ISSA 5000) and limited assurance.

MODULE 12 - DISCLOSURE MECHANICS, LOCATION & COMMUNICATION

- Report Location and Timing
  - Publishing disclosures within General Purpose Financial Reports alongside financial statements.
- Placement Approaches
  - Integrated vs. Standalone/Autonomous vs. Navigation-indexed formats.
- Effective Communication Techniques
  - Minimizing duplication: Utilizing cross-referencing criteria effectively.
- Aggregation Levels, Comparative Information, and Handling Prior-period Restatements/Errors
- Maximizing Confidence & Compliance
  - Applying reasonable estimates and disclosing underlying methodology/assumptions.

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- Inclusion of Explicit and Unreserved Statements of Compliance

MODULE 13 - GREENWASHING RISK MITIGATION

- Canadian Regulatory Framework
  - Competition Bureau guidelines on environmental claims (Competition Act amendments) and anti-greenwashing enforcement trends.
- Common Exposure Points
  - Selective Disclosure (Cherry-Picking): Highlighting localized abatement projects while omitting material value chain emissions.
  - Unsubstantiated Targets: Disclosing Net-Zero or carbon-neutral commitments without a quantified, financed transition plan or SBTi alignment.
  - Over-Reliance on Offsets: Misrepresenting unverified or low-quality carbon offsets as operational emissions reductions.
  - Vague or Ambiguous Terminology: Using undefined descriptors like "eco-friendly". "clean transition". or "nature-positive" without explicit metric baselines.
- Substantiation Architecture
  - Establishing the "Reasonable Basis" Test: Ensuring every forward-looking statement, climate scenario assumption, and reduction target is backed by verifiable data, documented management assumptions, and CapEx commitments.
  - Audit Trails & Data Provenance: Aligning internal controls over sustainability reporting (ICSR) with legal evidentiary standards.

YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certifications' programs are unique as they provide you with professional charter designations and marks that can be used across your lifetime once you have completed our programs.

Upon successfully completing this program, you will earn the **Certification in Canada Climate-Related Financial Disclosure and Carbon Accounting**, an industry-recognized certification with **lifelong validity**. This prestigious credential stands as powerful validation of your expertise in one of today's most strategically critical areas of corporate reporting and sustainability. It elevates your professional profile, demonstrates advanced competency to employers and stakeholders, and positions you for greater responsibility across sustainability, ESG, finance, risk, compliance, carbon management, and corporate reporting functions.

This program is developed by the **Chartered Institute of Professional Certifications**, and its content has been certified by the **CPD Certification Service** as conforming to continuing professional principles.

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We Thank You for Your Ongoing Support of Our Programs

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