

CPP-SCOPE 3 Greenhouse Gas Emissions Value-Chain Inventory Quantifier.

Module #3 – Quantification & Reporting of Scope 3 Upstream & Downstream GHG Emissions Training Course



COURSE DESCRIPTION

This training course (consisting of four Modules) has been developed by HRCarbon to provide practitioners with the skills & knowledge necessary to assist organizations in quantifying and effectively managing their supply-chain greenhouse gas (GHG) emissions. The course covers the 15 Scope 3 categories and expands on learning from **ISO 14064-1:2018 requirements** and extensively covers guidance from **GHG Protocol Corporate Value Chain (Scope 3) Standard**.

Module 3, introduces the learner to GHG Inventory Quantification and Reporting for Scope 3 value-chain upstream and downstream activities that generate GHGs. This course will lead you to obtain the knowledge and certificate that demonstrates your competence to measure, quantify and report Scope 3 GHG emissions. Scope 3 emissions, defined in this course, encompass all indirect emissions that occur within a typical organization's value-chain.

LEARNING OBJECTIVES

- Identify 15 categories of Scope 3 Emissions
- Identify and manage Scope 3 emission source(s) activity data
- Quantify Scope 3 Emissions
- Establish Scope 3 Inventory Base Year
- Identify and set Scope 3 GHG emissions reduction targets
- Adopt best practices to create quantification procedures in line with ISO 14064-1
- Review Upstream Scope 3 GHG emission activities & relevant technical considerations
- Review Downstream Scope 3 GHG emission activities & relevant technical considerations
- Prepare reports to meet internal and external stakeholder requirements

AUDIENCE

- Accounting Professionals (CPA's, ACCA's CMA's)
- Sustainability Professionals (Responding to Stakeholders requirements for GHG Metrics)
- Individuals who validate or verify GHG Inventories or GHG reduction/removal projects
- Corporate Risk Managers
- ESG Report Developers/Reviewers
- ESG Software Providers



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<https://www.linkedin.com/company/hrcarbon>



courses@hrcarbon.com

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COURSE CONTENT

- Introduction to Scope 3 GHG Categories
- General Guidance to all Scope 3 Categories
- Category Boundaries
- Data collection, calculation
- General Principles applicable to Scope 3 activities generating GHG emissions
- Base Year and GHG target setting
- Scope 3 GHG Base Year & Target Setting
- Data Management
- Assurance & Reporting of Scope 3 GHG emissions
- Review upstream Scope 3 categories technical guidance
- Review downstream Scope 3 categories technical guidance

HRCarbon's **Carbon Professional Path** consists of 4 Modules:

Module 1 - CPP-14064-1: Greenhouse Gas Inventory Quantification for Organizations

Module 2 - CPP-14064-2: Greenhouse Gas Inventory Quantification for GHG Projects

Module 3 - CPP-Scope 3: Greenhouse Gas Emissions Inventory Quantification for Value-Chain Emissions

Module 4 – CPP-14064-3 – Greenhouse Gas Validation and Verification

PRIOR KNOWLEDGE

Before starting this course, learners are expected to have knowledge of the following principles & concepts obtained from work experience or CPP-14064-1 HRCarbon Course:

- Developing a GHG Inventory based on ISO 14064-1 Standard & GHG Corporate Standard
- Basic understanding of project management
- Basic understanding of developing structured reports on any topic

Related Courses:

Module 1 - CPP-14064-1: Greenhouse Gas Inventory Quantification for Organizations

Module 2 - CPP-14064-2: Greenhouse Gas Inventory Quantification for GHG Projects

Module 4 - CPP-14064-3: Greenhouse Gas Emissions Inventory Quantification Verification & Validation

COURSE CERTIFICATION



On completion of this course learners will be issued a Certificate stating learner has completed training of a Certified GHG Inventory Quantifier for Scope 3 Value-Chain GHG Emissions.



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courses@hrcarbon.com