

CARBON ACTION'S TRAINING ISO 14067:2018 GREENHOUSE GASES CARBON FOOTPRINT OF PRODUCTS



COURSE DESCRIPTION

In this course, participants will learn the process for undertaking a Product Carbon Footprint (CFP). They will also gain direct experience in applying this knowledge through the case study that the course is built around. This will result in a thorough, practical understanding ISO 14067 which will enable participants to tackle the challenges of boundary setting and data gathering, utilize the data to perform a product carbon footprint quantification, and prepare reports that will be ready for 3rd party verification.

COURSE AGENDA

ISO 14067:2018 Greenhouse gases – Carbon footprint of products – Requirements and guidelines for quantification is one course, taken in three sections

Part 1: ISO 14067 Pre-reading	Part 2: Apply the Standard	Part 3: Comprehensive Quiz
<ul style="list-style-type: none"> • Introduction • Scope • References • Application 	<ul style="list-style-type: none"> • Principles • Methodology for quantification of the CFP and Partial CFP • CFP Study Report • Critical Review • Case Study 	<ul style="list-style-type: none"> • Complete Online

You earn a Certificate of Course Completion once you complete all three sections of the ISO 14067 training.

TOPICS COVERED

- How to define the goal and scope of the product carbon footprint, including:
 - Purpose of study
 - Functional unit
 - System boundaries
 - Assumptions and limitations
- What separates cradle-to-grave inventory from a cradle-to-gate inventory?
- How to decide on life cycle stages that should be included in the inventory (i.e. cradle-to-gate, cradle-to-grave)
- How to follow a rigorous process to gather data and evaluate data quality
- Learn to prepare credible CFP reports

CARBON ACTION'S TRAINING ISO 14067:2018 GREENHOUSE GASES CARBON FOOTPRINT OF PRODUCTS



WHO SHOULD ATTEND?

- Accountants & Financial Professional in GHG
- Auditors
- Consultants
- Design Architects/Environmental Engineers
- GHG Inventory Developers/Inventory Quantifiers
- GHG Auditors/Verifiers.
- Public Finance Institution (PFI) practitioners.
- Impact investors.
- Government Regulators, Public workers, Regulatory Compliance Professionals
- Managers and Developers of Carbon Neutral/Offsetting projects
- Offset project developers, Project Mangers/Coordinators
- Site, Utilities, Facility Managers/Operations Managers

WHAT'S INCLUDED?

- Class materials (Pre reading materials, case study guide & participant workbook, participant user guide)
- A copy of ISO 14067:2018 Greenhouse gases Carbon footprint of products

PREREQUISITES

Training or equivalent experience in one of the following:

ISO 14064-1: 2018 - Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals

OR

ISO 14044: 2006 Environmental Management - Life Cycle Assessment - Requirements and Guidelines.

Carbon Action provides both courses online or in person onsite to close any knowledge gaps.

GET IN TOUCH:

Address: Tallis House, 2 Tallis Street, EC4Y 0AB London, UK

Telephone: +44 203 869 1869

Mobile : +353 85 871 9014

Email: johnryan@carbonaction.co.uk

RONAN O' CONGHAILE



Carbon Action services is part of the Ireland and UK based Occupli where Ronan provides training and consultancy in Greenhouse Gas (GHG) Management to clients in the EMEA region and beyond.

Prior to joining Carbon Action, Ronan had 25 years of experience, working with global companies to reduce their GHG emissions and associated costs. Ronan's experience covers assignments in electronics, HVAC and general manufacturing, with clients including Siemens, Thyssen Krupp, NCR, GE, AT&T and BOSE, Thermo King among others. This provides a solid basis for the training and consultancy work he currently fulfils for Carbon Action. Ronan has completed over €25m in small and large projects all typically forming part of a broad based ESG programme.

Within these projects, Ronan managed several energy innovation projects, often in rapid change environments. In Ingersoll Rand, Ronan introduced the first carbon neutral production line - without requiring carbon credit offsets. All products were manufactured (painted welded and assembled) in a carbon positive way and using emission free energy sources. Ronan is also a Black Belt Lean 6 Sigma Practitioner and has trained various client teams in Lean..

Ronan works with companies identifying best solutions to minimize risk and ensure ESG metrics are reliably and credibly met for and with stakeholder engagement. He has project managed assignments to reduce both upstream and downstream emissions, often applying his background in multiple disciplines, including logistics and risk management.

Ronan has experience with over 20 different refrigerants minimizing loss and creating large mass balance systems with high degree of accounting accuracy. He has applied his expertise to complete an emissions inventory, train and energise focused teams and prioritise capital projects to eliminate emissions.

Ronan's extensive engineering and project management experience helps him to teach others through Carbon Action's ISO 14064 training courses. Ongoing consultancy work helps ensure his training delivery reflects current best practice in GHG management.

QUALIFICATIONS & ACCREDITATIONS

- Hon BENG University of Limerick. B-Eng Honors Degree in Engineering.
- Completed Yellow Green and Black belt lean 6 Sigma course.
- Managing People – Intensive “IBEC” course
- Advanced Excel and PowerPoint
- ISO 14064 Greenhouse Gas Management accredited by Canadian Standards Association
- 14064-1 Greenhouse Gas Inventories
- 14064-2 GHG Emission Reduction Projects
- 14064-3 GHG Verification and Validation