

# Carbon management

## (Greenhouse gas footprinting and accounting)

### Overview:

The Greenhouse Gas Emissions (Directors' Reports) Regulations 2013, require certain organisations\* to state their annual quantity of emissions in tonnes of carbon dioxide equivalent.

Regardless of the legal drivers, an increasing number of organisations, of all sizes and sectors, are placing more focus on Carbon Accounting. There are increasing reasons to assess the risks and opportunities presented by climate change, address energy use and associated costs, and calculate, report and reduce carbon emissions.

*\*This legislation applies to quoted companies that are on the Main Market of the London Stock Exchange, and are UK incorporated.*



### Who should attend?:

Anyone wishing to learn about climate risk and ways to measure, monitor, report and reduce their contribution to it. Typical attendees include owners and directors, sustainability managers, facilities managers, financial managers and environmental managers.

### Aims:

This course will provide an introduction to climate change, GHGs, carbon and energy management. The aim is to equip learners with the knowledge and skills to identify, quantify and account for GHG emissions in their organizations (the carbon footprint) and plan action to reduce these emissions.

### Objectives:

Successful learners will be able to:

- Discuss the science of climate change.
- Outline the drivers for action on climate risk including international policy and local legislation.
- Identify associated risks and opportunities as relevant to their organisation and supply chain
- Plan how to act in order to minimise the risks and maximise the opportunities.
- Understand how to measure GHG emissions and calculate the carbon footprint of your organisation.
- Appreciate the different GHG measurement methodologies, protocols and standards and how they could be applied (includes a focus on the GHG Protocol).
- Manage their organisation's emissions by accounting for them.
- Develop plans for reducing emissions following the GHG Management Hierarchy.
- Explain the pros and cons of offsets.
- Access tools and additional resources to support further action if desired.

**Assessment:**

Practical class exercises and activities throughout the course.

**Certification:**

Successful candidates will receive a Professional Certificate of Achievement.

**Duration:**

1 day

**About the tutor:**

Anna-Lisa Mills is a passionate sustainability professional with more than 20 years' experience in the sector.

In her previous role, as Group Sustainability Manager for a large multi-national organisation, Anna-Lisa led the process to gather the data, calculate and report the company's global carbon footprint. Anna-Lisa led a global team of carbon champions who developed a companywide carbon abatement plan to reduce emissions with actions set against the GHG Management Hierarchy. The company achieved a reduction in global Scope 1 & 2 emissions per person (tCO<sub>2</sub>e per FTE) of 19% in 2015 against the 2013 base year (meaning they achieved their target to reduce emissions by 15% by 2020 five years early). In absolute terms Scope 1 and 2 emissions reduced by 6% against base year (excluding acquisitions). The company also gained external verification (to limited assurance) for scope 1 and scope 2 emissions for 2013-2015 and went on to develop a project to support members of the supply chain to reduce their carbon impact too. This project was recognised as best practice by PriceWaterhouseCooper (PwC), the then government Department for Energy and Climate Change (DECC), and featured in a publication on Corporate Social Responsibility.

Anna-Lisa is a full Member of IEMA and Chartered Environmentalist. She is a Climate Reality Leader and an active member of IEMA's Climate Change and Energy Steering Group. Anna-Lisa spearheaded a 'No COP out' campaign within IEMA to raise awareness about COP21 and increase the number of signatures on the Live Earth petition that was delivered to world leaders at COP21.

Anna-Lisa has undertaken extensive training in this subject. This has included being trained by Al Gore as a Climate Reality Leader and the World Resource Institute training on the GHG Protocol Corporate Accounting and Reporting Standard. Additional relevant training includes the World Bank Course. Turn Down the Heat. Why a 4 degree world must be avoided, a series of CDP client webinars: Why and how to report to CDP and Understanding CDP's 2016 Methodology as well as CPD such as recent scientific updates by Prof. Kevin Anderson of the Tyndall Centre for Climate Research.

### Example Feedback:

*“Fantastic days’ training on Carbon Emissions. The information provided will really support me in my role. I would highly recommend to anyone working in the sustainability field. “*

**Dianne Pattison, Policy Officer (Sustainability) at Sunderland City Council.**

*“A very interesting and informative day, presented by a very knowledgeable and enthusiastic trainer.*

**Peter Bowen, Group Quality Manager at Robertson Group.**

*“Entire course was brilliant, very useful and more than met expectations.”***Craig Evans, Stock Controller at J C Atkinson**



*“The training outlined the importance of calculating and reporting Carbon Footprints based on relevant case study information. Every company, no matter how big or small, should consider calculating their carbon footprint and setting targets”* **Ellie Howarth, Environmental and Compliance Officer at Starkold.**

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## DETAILS FOR NEXT COURSE:

**Date:** Thursday 11<sup>th</sup> October

**Location:** Belvoir Golf Club, 73 Church Road, Castlereagh, Belfast, BT8 7AN

**Cost:** £225 per person (includes all materials, lunch and refreshments)

**To Book:** Please contact either Nicola Murphy [nicola.murphy@greenconnectni.com](mailto:nicola.murphy@greenconnectni.com) / +44 (0) 7870123829 or Anna-Lisa Mills at: [al.mills@truenorthsustainability.co.uk](mailto:al.mills@truenorthsustainability.co.uk) / +44 (0) 7971 070 434