



# Climate Action Certificate Training Program

## About This Program

The online course is designed to provide you with the knowledge, skills, and competencies necessary to support the climate action and sustainability efforts of your organization so you can plan and manage your organization's climate action journey.

## What You Will Learn

Participants will:

1. Gain an overview of Global, Regional (North America) and National (USA) emissions, policy, and legislation
  - Terminology, concepts and jargon explained
2. Understand the potential impacts and opportunities facing businesses
  - Including carbon budgets for enterprise
3. Know what Climate Action means with regard to
  - Reducing emissions
  - Adapting to a changing climate, and
  - Raising awareness amongst suppliers, staff and customers
4. Learn how to prioritize opportunities for improvement
  - How to do carbon calculations
  - Templates provided
5. Know where to find the support to start climate action planning for your business

## At a Glance

- » This course is held over 2 days
- » You earn 1.5 CEUs | 15 PDHs | 3 AEE Credits for completing this Certificate Training Program.

## Key Takeaways

- » A training manual including slides and exercises completed throughout the training
- » A Climate Action Planning Tool, a Climate Action Plan, and Register of Opportunities (or ROO) management document for recording all opportunities for climate action that your organization has responsibility for. It includes mitigation, adaptation and awareness opportunities, but can also include initiatives relating to biodiversity, research and policy, etc. (Excel spreadsheet)
- » A certificate of achievement provided with 70% or greater in course assessment

## Registration

Candidates should visit the website for additional information. Visit [www.aeecenter.org/training](http://www.aeecenter.org/training)

## Who Should Attend

- A professional who wants to reduce their organization's impact on climate change by understanding emissions policy and impacts, and developing a Climate Action Plan for their firm or organization.
- Suitable for Facilities, Operations, Legal, Financial, HR or Marketing professionals at C-Suite, Management or Junior levels who may have a desire to develop knowledge of Climate Action and might be involved in green teams.

## Course Outline

This Climate Action Certificate is a new 2-day professional development course covering the potential climate impacts and opportunities facing humanity, as well as an overview of climate policies and emissions measurement techniques. The online course is designed to provide you with the knowledge, skills, and competencies necessary to support the climate action and sustainability efforts of your organization through a structured program delivered by two experienced climate action practitioners and certified trainers. It is open to all professionals tasked with working on climate action.

## Our Instructors

**Raoul Empey** – is Director of Sustineo, a leading Irish sustainability consultancy that provides solutions for businesses to reduce the impact they have on the environment. Sustineo specializes in climate action, carbon and energy management,

and also assists businesses with restorative projects such as planting native woodlands in Ireland. As a certified trainer, Raoul has designed, developed and delivered highly successful courses such as Energy Basics and Carbon Basics delivered to over 2,000 participants on behalf of the national energy agency, the Sustainable Energy Authority of Ireland (SEAI). He also delivers Climate Action workshops and webinars on topics such as net zero targets and carbon offsets. Raoul is a Climate Reality Leader, having been personally trained by former US Vice President Al Gore in the communication of climate change. He is also a Certified Energy Manager with the Association of Energy Engineers (CEM) and a Chartered Engineer with Engineers Ireland (CEng). Raoul was a contributor to the International Organization for Standardization's Net Zero Guiding Principles which was launched at COP27 in Egypt last November (ISO IWA 42), and authored Ireland's food marketing semi-state agency (Bord Bia) guidance document for the food and beverage manufacturing sector entitled "Pathways to Net Zero".

**Conor Molloy** – is a registered Energy Auditor, qualified trainer and experienced facilitator and trains companies to maximize their energy performance, minimizing emissions on the path to net zero. An Al Gore Climate Reality leader since 2018, Conor has been helping business save fuel and manage their energy use for profit and planet – to reduce their CO<sub>2</sub>/GHG emissions – since 2005. He has trained over 100 ESOS Lead Assessors in Transport Energy Auditing, led the publication of EN 16247-4 Europe's transport energy audit standard and contributed to ISO50004. Elected president of the Association of

Energy Engineers Ireland Chapter in May 2020; Conor is an independent energy advisor with an MSc in Energy Management and Renewable energy from University of Ulster, he is a Certified Energy Manager (CEM), Measurement & Verification professional (CMVP) and qualified trainer (QQI) for Climate Action, Transport, ISO50001 and Smart Freight's Transport Manager training. He is the author of A 'Light' Guide to Energy Savings in Transport.

## Certificate of Achievement Eligibility

There are no prerequisites to qualify for the course.

An open-book multiple choice exam based on exercises throughout the course must be passed (pass rate is 70%) for certificate of achievement to be awarded.

## Full Agenda

### Day 1

- Context
- Welcome, Introductions & House Rules / placeholder for client host
- Will my business be impacted?
- Understand the Science
- Global Policy
- North America / Regional Policy
- USA / National policy
- Terms/Units
- What is Climate Action?
- Units
- Start with Energy
- The Scale of the Challenge
- How to win at Climate Action
- Adaptation
- Global Context for Adaptation
- A Changing Climate in USA
- Definitions & Standards

### Day 2

- Mitigation
- Welcome / Day 1 Reprise
- Carbon Footprint Calculations
- Agree the Boundary
- Scope 1 direct emissions
- Scope 2 indirect emissions
- Scope 3 indirect emissions
- Understanding EPDs
- Outside of Scope emissions
- Presenting Results
- Carbon Conclusions: Standards / Principles
- Voluntary Carbon Markets
- Potential Pitfalls
- Approaches to Climate Action
- Exam
- "Open book multiple choice based on exercises throughout course, and involving some thought, e.g. calculations
- Minimum pass is 70%"
- Awareness
- Awareness Intro
- Everyday Choices for Individuals
- Staff Engagement
- Innovative approaches to communication
- Human Success
- Wrap Up / Day 2 Reprise