

## Unpacking Scope 1, 2 and 3 emissions for Financial Managers

**Date:** 23rd October 2024

**Time:** 11am - 4pm

**Venue:** Environmental Research Institute, Ellen Hutchins Building, University College Cork, Lee Road, Cork, T23 XE10

**Cost:** €500 which reduces to €350 (for candidates eligible for Skillnet 30% discount)

### COURSE DESCRIPTION

Organisations worldwide are putting in place systems to manage greenhouse gas (GHG) emissions arising from their direct operations and value chains to meet climate goals. Many companies have put in place ambitious targets to reach net-zero GHG emissions across their entire operations by 2040 or 2050. Organisations proficient in measuring and managing their GHG footprints are better equipped to navigate stakeholder expectations and comply with emerging ESG regulations and frameworks such as the EU Corporate Sustainability Reporting Directive, Task Force on Climate-Related Financial Disclosures, and Global reporting Initiative. It will be incumbent on companies to demonstrate that their carbon reduction targets are science-based and verifiable under these frameworks.

Organisational GHG emissions are categorised into Scope 1, 2, and 3 emissions. This course will provide the foundational knowledge and tools you need to measure, manage and reduce your organisation's GHG emissions and setting your company on a path towards net-zero emissions by 2050. The course will cover (a) how to account for your scope 1, 2 and 3 emissions and (b) how to measure, manage and reduce your scope 1, 2, and 3 emissions. The course will be beneficial for Financial Managers who wish to include Greenhouse Gas Accounting or Inventories within organisational sustainability reports as required under forthcoming ESG standards and frameworks. The course will include interactive, peer-to-peer learning and a case study on carbon management from University College Cork.

### LEARNING OUTCOMES

- Distinguish between Scope 1, 2 and 3 emissions
- Identify tools and methods for evaluating and quantifying emissions
- Start building a GHG inventory for your company and calculate your Scope 1 and 2 emissions
- Understand the different strategies and approaches for emissions reduction for Scope 1, 2 and 3 emissions
- Assess the financial performance of decarbonisation projects.



This course is subsidised by Sustainable Finance Skillnet and IFS Skillnet.



For more information, contact course facilitator Tanya Fitzgerald: [TFitzgerald@ucc.ie](mailto:TFitzgerald@ucc.ie)



### Dr. Richard O'Shea

Lecturer, Sustainability in Enterprise, University College Cork.

Dr Richard O'Shea is a Lecturer in Sustainability in Enterprise with the School of Engineering in University College Cork (UCC). Richard worked as a Senior Postdoctoral Research, and a Postdoctoral Researcher with the Circular Economy, Energy, and Environmental Systems (CEEES) Group in MaREI. His prime area of work was assessing methods to decarbonise a large facility in the food and beverage sector in Ireland. His research has focused on biomethane production via anaerobic digestion, resource assessments, techno-economic analysis, optimisation, GIS, and multi-criteria decision analysis. This has led to over 30 peer-reviewed journal publications in journals including Applied Energy, Bioresource Technology, and Renewable Energy.