



Pathways to Net Zero

Syllabus Guide



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Pathways to Net Zero

The IEMA Pathways to Net Zero Course is a course which gives clear, consistent guidance on best practice on response to the climate crisis, the course aims to provide supervisors and leaders with a strategic and operational overview of environmental sustainability as it affects their specific industry.

Course Summary

Upon completion of this course, learners will be able to:

- Explain what is net zero and related terms
- Explain the urgency of the underlying climate science driving the net zero agenda
- Explain the main international policy context for responding to the climate crisis
- Explain the UK policy context and drivers
- Explain the risks and opportunities of net zero including on future business viability, reputation, supply chain vulnerabilities etc
- Explain the business and environmental benefits of low carbon goods and services
- Explain the requisite corporate governance, resourcing and accountability for delivering net zero
- Explain how to establish a greenhouse gas inventory across all three scopes
- Explain the main principles of greenhouse gas accounting (including using activity data and emission factors)
- Explain what carbon neutral means and its application for organisations, products and services
- Explain how to establish science-based targets (methodologies)
- Explain how to establish a net zero strategy (near- and long-term targets)
- Implement a decarbonisation plan with suitable targets and milestones to deliver on a science-based target and/or net zero objective



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Pathways to Net Zero

- Explain how to reduce greenhouse emissions where these are influenced but not directly controlled (Scope 3)
- Explain how to communicate externally about responses to the climate crisis, net zero and making robust green claims

Full Course Syllabus

1. Why Net Zero?

- Explain what is Net Zero and related terms
- Explain the urgency of underlying climate science driving the Net Zero agenda
- Explain the main international policy context for responding to the climate crisis
- Explain the UK policy context and drivers

2. Responding to Net Zero

- Explain the risks and opportunities of Net Zero including on future business viability, reputation, supply chain vulnerabilities etc
- Explain the business and environmental benefits of low-carbon goods and services
- Explain the requisite corporate governance, resourcing and accountability for delivering Net Zero

3. Greenhouse Gas Accounting; a Primer

- Explain how to establish a greenhouse gas inventory across all three scopes
- Explain the main principles of greenhouse gas accounting (including using activity data and emission factors)

4. Carbon Neutrality

- Explain what carbon neutral means and its application for organisations, products and services

5. Net Zero Methodologies

- Explain how to establish science-based targets (methodologies)
- Explain how to establish a Net Zero strategy (near and long-term targets)

6. Developing a Decarbonisation Plan

- Implement a decarbonisation plan with suitable targets and milestones to deliver on a science-based target and/or Net Zero objective



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7. Net Zero Across the Value Chain

- Explain how to reduce greenhouse emissions where these are influenced but not directly controlled (Scope 3)

8. Communicating Net Zero

- Explain how to communicate externally about responses to the climate crisis, Net Zero and making robust green claims

Course Assessment

The assessment for IEMA Pathways to Net Zero course consists of an online 20 question multiple choice test.

For Virtual learners, the test is completed through the IEMA assessment portal and learners are sent a link and an invitation to access the portal to complete the assessment.

If you're studying the IEMA Pathways to Net Zero Online Course, the test is completed at the end of the online course.

An IEMA-approved certificate is awarded upon successful completion.

For more information on the Online course exam dates, visit our [Exam Hub](#)



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