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ISEP
Pathways to Net Zero



ISEP

Institute of Sustainability &
Environmental Professionals



ISEP Pathways to Net Zero

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Before You Start

Is the ISEP Pathways to Net Zero Course Right for You?

The ISEP Pathways to Net Zero course is ideal for any business or professional looking to reduce carbon emissions and measure their impact on the environment. The course is designed for professionals in all industries and sectors, especially those in job roles such as:

- ▶ Supervisor
- ▶ Manager

Regardless of your current stage in achieving net zero and reducing carbon emissions, this ISEP course will support your organisation in better understanding the direct and indirect impact it has on the environment. It equips professionals with the practical knowledge and tools needed to navigate the complexities of achieving net zero emissions, whilst kickstarting their journey to becoming an environmental expert.

Entry Requirements

There are no formal entry requirements for the ISEP Pathways to Net Zero course. However, we strongly recommend that learners are in a practising role that will allow them to better understand the concepts and topics covered throughout the course.



Why Take The Course?

Enhance Your Reputation

Consumers and stakeholders are increasingly drawn to environmentally responsible businesses.

Committing to a credible net zero strategy enhances your reputation and brand loyalty.

Regulatory Compliance

With tightening regulations on carbon emissions, the ISEP Pathways to Net Zero course helps companies stay ahead of evolving compliance requirements, avoiding potential fines and reputational damage.

Reduce Costs

By reducing energy usage, companies can lower operational costs. Energy efficiency improvements and investment in renewable resources can lead to long-term financial savings.

Future-Proof Your Business

Build the internal skills and capabilities to develop an effective net zero strategy. Transitioning to net zero helps businesses stay resilient against future environmental and economic challenges. Being proactive can shield companies from potential costs related to stricter future regulations or rising energy prices.

Attracting Investment

Investors are increasingly focused on Environmental, Social and Governance (ESG) metrics. Following a structured net zero plan can attract sustainability-focused investors, boosting access to capital.



Course Overview

The ISEP Pathways to Net Zero course will help you develop a rich, in-depth understanding of net zero as a concept. It will also provide you with practical skills to shape and deliver an effective decarbonisation strategy.

ELEMENT 1

Why Net Zero?

This element explains net zero and outlines the urgency of the underlying climate science driving net zero agenda. It also covers key UK and international policy in order to remain compliant.

ELEMENT 2

Responding to Net Zero

This element showcases the risks and opportunities of net zero including future business viability, reputation and supply chain vulnerabilities. It also looks at internal capacity for delivering net zero.

ELEMENT 3

Greenhouse Gas Accounting

This element explains how to establish a greenhouse gas inventory as well as the main principles of greenhouse gas accounting (including using activity data and emission factors).

ELEMENT 4

Carbon Neutrality

This element explains what carbon neutral means and its application for organisations, products and services.

ELEMENT 5

Net Zero Methodologies

This element explains how to establish realistic science-based targets and how to establish a net zero strategy.

ELEMENT 6

Developing a Decarbonisation Plan

This element delves into developing decarbonisation plans with suitable targets and milestones to deliver net zero objectives.

ELEMENT 7

Net Zero Across the Value Chain

This element explains how to reduce greenhouse emissions where they can be influenced but not directly controlled by the organisation.

ELEMENT 8

Communicating Net Zero

This element explains how to communicate externally about responses to the climate crisis, net zero and making robust green claims - avoiding greenwashing or greenhushing.

Learning Outcomes

The ISEP Pathways to Net Zero course will provide learners with the practical knowledge, skills and tools required to navigate the complexities of shaping an effective decarbonisation strategy and achieving net zero emissions.

Upon completion of the ISEP Pathways to Net Zero course, learners will be able to:

- ▶ Explain what net zero is and any 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 future business viability, reputation and supply chain vulnerabilities.
- ▶ 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 realistic, science-based targets (methodologies).
- ▶ Explain how to establish a net zero strategy (short and long-term targets).
- ▶ Implement a decarbonisation plan with suitable targets and milestones to deliver on a science-based target and/or net zero objectives.
- ▶ Explain how to reduce greenhouse emissions where these are influenced but not directly controlled by the organisation (Scope 3).
- ▶ Explain how to communicate externally about responses to the climate crisis, net zero and making robust green claims – avoiding greenwashing or greenhushing.

Full Course Syllabus

Element 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.

Element 2:

Responding to Net Zero

- ▶ Explain the risks and opportunities of net zero including future business viability, reputation and supply chain vulnerabilities.
- ▶ Explain the business and environmental benefits of low-carbon goods and services.
- ▶ Explain the requisite corporate governance, resourcing and accountability for delivering net zero.

Element 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 the use of activity data and emission factors).

Element 4:

Carbon Neutrality

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

Element 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).

Element 6:

Developing a Decarbonisation Plan

- ▶ 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.

Element 7:

Net Zero Across the Value Chain

- ▶ Implement a decarbonisation plan with suitable targets and milestones to deliver on a science-based target and/or net zero objective.

Element 8:

Communicating Net Zero

- ▶ Explain how to reduce greenhouse emissions where they can be influenced but not directly controlled by the organisation (Scope 3).

Assessment

The assessment for the ISEP Pathways to Net Zero course consists of a 20-question, open-book multiple-choice assessment. You will need to score a minimum of 14 out of 20 questions to pass your assessment.

Learning methods

For Online Learners:

The assessment is completed at the end of the online course.

For Virtual Learners:

The assessment is completed on the ISEP Online Assessment Portal and it will be arranged as part of your course.

Upon successful completion of the course and assessment, an ISEP-approved certificate is awarded.

Resits

If you are unsuccessful in your first attempt of the assessment, don't worry!

Astutis offers a second attempt of your assessment at no additional cost! Just email our team at learningadvisor@astutis.com to arrange a resit.

Course Extensions

Online learners have 6 months of access to the ISEP Pathways to Net Zero materials via our learning management system (LMS).

Learners have the option to purchase a course extension if they are unable to complete their studies within 6 months. The extension must be purchased before the elapsed date.



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