



Astutis.

ISEP Pathways to Net Zero

Course Guide



ISEP

Institute of Sustainability &
Environmental Professionals



ISEP Pathways to Net Zero

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What is the ISEP Pathways to Net Zero?

The ISEP Pathways to Net Zero course delivers clear, consistent guidance on best practice in response to the climate crisis.

It gives supervisors and leaders a strategic and operational overview of environmental sustainability as it affects their specific industry and work area.

Net zero refers to balancing the amount of greenhouse gas emissions produced with the amount removed from the atmosphere. This course looks at strategies to reduce existing emissions and actively remove greenhouse gases — equipping you with the practical knowledge and tools to navigate the complexities of achieving net zero.

Course Duration:

- ▶ **Online:** 10-hour self-paced course.
- ▶ **Virtual:** 2-day instructor-led course (14 guided learning hours).

Entry Requirements:

No formal entry requirements. We strongly recommend learners are in a practising role that allows them to better understand the concepts and topics covered.

Who is the Course For?

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. It 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, this ISEP course will support your organisation in better understanding the direct and indirect impact it has on the environment, whilst kickstarting your journey to becoming an environmental expert.

Why Study the ISEP Pathways to Net Zero Course?

Committing to a credible net zero strategy benefits both the professionals who lead it and the organisations they work for.

Employee Benefits

- ▶ **Build In-Demand Expertise:** Net zero and sustainability skills are increasingly sought after across every sector, helping you stand out and progress your career.
- ▶ **Broaden Your Impact:** Gain the practical tools to shape and influence your organisation's environmental strategy, not just contribute to it.
- ▶ **Transferable Knowledge:** The principles of greenhouse gas accounting, target-setting and decarbonisation apply across industries and roles.
- ▶ **A Recognised Foundation:** Kickstart your journey towards becoming an environmental professional with an ISEP-approved qualification.

Employer Benefits

- ▶ **Regulatory Compliance:** With tightening regulations on carbon emissions, the 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 to develop an effective net zero strategy and stay resilient against future environmental and economic challenges.
- ▶ **Attract Investment:** Investors are increasingly focused on ESG metrics. A structured net zero plan can attract sustainability-focused investors, boosting access to capital.

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.

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?

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

ELEMENT 2

Responding to Net Zero

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

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

Explains what carbon neutral means and its application for organisations, products and services.

ELEMENT 5

Net Zero Methodologies

Explains how to establish realistic science-based targets and how to establish a net zero strategy.

ELEMENT 6

Developing a Decarbonisation Plan

Delves into developing decarbonisation plans with suitable targets and milestones to deliver net zero objectives.

ELEMENT 7

Net Zero Across the Value Chain

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

ELEMENT 8

Communicating Net Zero

Explains how to communicate externally about the climate crisis and net zero, and how to make 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

- ▶ 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

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

Element 7: Net Zero Across the Value Chain

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

Element 8: Communicating Net Zero

- ▶ Explain how to communicate externally about responses to the climate crisis, net zero and making robust green claims – avoiding greenwashing or greenhushing.



Assessments

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.



For Online Learners:

You'll complete your assessment at the end of the self-paced course.



For Virtual Learners:

Your assessment is arranged as part of your course and completed via the ISEP Assessment Portal.

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.



Learning Outcomes

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

- 1 Explain what net zero is and any related terms.
- 2 Explain the urgency of the underlying climate science driving the net zero agenda.
- 3 Explain the main international policy context for responding to the climate crisis.
- 4 Explain the UK policy context and drivers.
- 5 Explain the risks and opportunities of net zero, including future business viability, reputation and supply chain vulnerabilities.
- 6 Explain the business and environmental benefits of low-carbon goods and services.
- 7 Explain the requisite corporate governance, resourcing and accountability for delivering net zero.
- 8 Explain how to establish a greenhouse gas inventory across all three scopes.
- 9 Explain the main principles of greenhouse gas accounting (including using activity data and emission factors).
- 10 Explain what carbon neutral means and its application for organisations, products and services.
- 11 Explain how to establish realistic, science-based targets (methodologies).
- 12 Explain how to establish a net zero strategy (short and long-term targets).
- 13 Implement a decarbonisation plan with suitable targets and milestones to deliver on a science-based target and/or net zero objectives.
- 14 Explain how to reduce greenhouse emissions where these are influenced but not directly controlled by the organisation (Scope 3).
- 15 Explain how to communicate externally about responses to the climate crisis, net zero and making robust green claims – avoiding greenwashing or greenhushing.

Why Astutis?



Transparent Pricing with No Hidden Costs

All our courses are **completely transparent about pricing**, which means there are no hidden costs or fees. Your registration, learning materials and full access to tutor support are all covered.



Award-Winning Training Provider

Astutis is an **established, award-winning provider** of workplace health, safety and environmental training, trusted by learners and organisations worldwide.



High Pass Rates

We have a **100% ISEP Pathways to Net Zero pass rate** – far higher than the national average, and a demonstration of our course's efficiency.



Feefo Platinum Award

Astutis has been recognised with the **Feefo Platinum Trusted Service Award every year since 2023**, reflecting a consistently high standard of customer service.

Pay with

Klarna

Flexible Payment Options

Eligible customers can **pay in 30 days or split payments** into three monthly instalments via Klarna, spreading the cost while accessing courses straight away.

Start Your ISEP Pathways to Net Zero Journey

Explore dates, learning options and pricing, or speak to our team directly.

View the course and book your place →





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