



Your partner
in progress

Your Carbon Reduction journey

Training and Qualifications from BSI,
your trusted partner



Reducing greenhouse gases is the first step to achieving Net Zero

Climate change has been triggered by increasing levels of greenhouse gases (GHGs) in the atmosphere, resulting in harmful global warming. According to the United Nations, more than 130 countries have now set or are considering a target of reducing emissions to net zero by 2050.

To formulate a strategy to achieve your sustainability goals your organization needs to:

- Gain commitment and make a pledge.
- Establish your boundary.
- Quantify your emissions.
- Develop a carbon reduction plan.
- Upskill your people with the necessary training and qualifications.
- Verify and validate your carbon neutrality and net zero claims.



Your commitment and pathway to Net Zero starts today

We support your journey towards reducing greenhouse gases and working towards carbon neutrality.

From the beginning of your commitment to achieve your net-zero goals, understanding your carbon emissions, setting targets, engagement of key stakeholders, training, assessment, we support you and your organization every step of the way.

	Environmental Management ISO 14001	Energy Management ISO 50001	Carbon Management PAS 2080	Carbon Footprint of Products ISO 14067	Carbon Neutrality ISO 14068-1	Carbon Footprint of Organizations ISO 14064-1	Carbon Footprint of projects ISO 14064-2
System Cert	✓	✓					
Verification					✓	✓	✓
Training and Qualifications	✓	✓	✓	✓	✓	✓	✓
Product Certification			✓	✓	✓		





Greenhouse Gas training courses

Our training courses help organizations take the first steps towards achieving Net Zero. Starting by understanding sources of GHG emissions, establishing an inventory of direct and indirect emissions, and quantifying these enabling carbon reduction management planning and setting targets, on the pathway to Net Zero.

Environmental Management Systems (ISO 14001)

These courses focus on delivering and implementing Environmental Management Systems, which will enable and support an organizations journey to Net Zero. Learn to recognize some of the risks associated with poor environmental management.

Energy Management Systems (ISO 50001)

These courses focus on delivering and implementing Energy Management Systems, which will enable and support an organizations journey to Net Zero. Learn how you are a vital piece of the jigsaw and what you can do to help your organization.

ISO 14064-1:2018 Requirements

Develop an understanding of the key terms, definitions and requirements of ISO 14064-1:2018. Learn how the standard can help your organization to quantify its greenhouse gas emissions that is relevant, complete, consistent, accurate and transparent.

Carbon Management Planning (CMP)

This course focuses on the implementation of related standards, including ISO 14064, ISO 14068, and ISO 14090, that have been developed specifically to help organizations manage their GHG emissions, and address the risks associated with climate change.

Greenhouse Gas Verification and Validation (ISO 14064-3:2019)

This course will give you an understanding of the principles and processes involved in conducting verification and validation of GHG statements and GHG reports. You will also learn how to design a framework to measure and report on your organization's GHG emissions.

Climate Change Management – Carbon Neutrality (ISO 14068-1:2023)

Learn the key principles and practices of carbon neutrality, following a hierarchy on the pathway to Net Zero outlined by ISO 14068-1. This course will help individuals to:

- Know and understand the key terms, definitions, and process of becoming carbon-neutral
- Learn the differences and relationship between carbon neutrality and net zero
- Understand the relationship between carbon neutrality and associated GHG emissions and removals quantification and reporting requirements
- Plan the activities necessary to achieve carbon neutrality status
- Know and identify when carbon offsetting is appropriate and how carbon credits work
- Appreciate the importance of verifying/validating declarations of carbon neutrality

Quantifying the carbon footprint of products (ISO 14067:2018)

Calculating the carbon footprint of products (CFP) is becoming increasingly relevant for businesses that want to demonstrate to their customers that they are reducing the GHG emissions of the products that they consume. This course will help you to:

- Comprehend the key principles for determining the carbon footprint of a product
- Quantify and report on the GHG emissions of your product(s).

Carbon management in buildings and infrastructure (PAS 2080:2023)

PAS 2080 outlines a carbon management process for the built environment, that is applicable across both buildings and infrastructure. This course will help you to:

- Outline the drivers, benefits, and advantages of effective carbon management in built environment systems.
- Outline the terminology and key principles of decarbonization and carbon reduction hierarchy, required of PAS 2080
- Support operational and strategic buildings and infrastructure projects and programmes, to deliver carbon reduction and net zero targets



Greenhouse Gas Qualifications

Qualifications build knowledge and skills both for the individual and organization to reach Greenhouse gas objectives.

The **practitioner** level qualification is ideal for individuals who are involved or working towards being involved in greenhouse gas reduction plans.

The **professional** level builds greenhouse gas knowledge to support an organization's path towards net-zero.

Our learning pathway validate learning with examinable results, earning industry recognized qualifications.

Key

ILT – instructor led learning

VILT – Virtual instructor led learning

OD – on-demand eLearning



Greenhouse Gas Practitioner

Comprises of these courses:

- ISO 14064-1 (organization)**
- Carbon Management Planning (CMP)
- ISO 14064-3 (verification)

Delivery method:

**On-Demand and ILT/VILT
ILT/VILT

Ideal for:

- GHG/carbon reduction and management practitioners, engineers and facilities managers with knowledge and experience of related disciplines and standards such as environmental and energy management systems including ISO 14001 and ISO 50001
- Individuals interested or required to support carbon reduction plans
- Policy analyst, consultant, sustainability manager
- Verifier, assessor, auditor, implementor



Greenhouse Gas Professional

Comprises of these courses:

- ISO 14067 quantifying the carbon footprint of products
- ISO 14068-1 Carbon neutrality

Delivery method:

ILT/VILT

Ideal for:

- GHG/carbon reduction and management professionals, developing and leading the implementation of carbon reduction management programs.
- Functional head, project leader, senior consultant
- Lead verifier, lead assessor, lead auditor, lead implementer





Qualification Pathways

Our learning pathway will validate your learning with examinable results, earning you industry recognized qualification badges at each stage of the journey.

The journey to be a Greenhouse Gas **Practitioner** typically takes a minimum of **4 days***, and to be a Greenhouse Gas **Professional** takes a minimum of **3 days***.

How are qualifications assessed?

Each qualification is assessed by online examinations taken with 30 days of the associated course ending.

How you become qualified

Once individuals successfully complete the examinations, we issue your BSI Mark of Trust. This Mark of Trust provides a strong and credible endorsement that can be displayed on your CV, LinkedIn profile, and email signature. In addition to highlighting your competence, organizations can demonstrate increased expertise of employees qualified at practitioner and professional level.

Start your qualification journey today.

Call today to find out more.

*Minimum recommended duration

Step 1:

Greenhouse Gas

Practitioner

ISO 14064-1:2018
Requirements

Exam

Carbon Management
Planning
(CMP)

Exam

Greenhouse gas verification
and validation
(ISO 14064-3:2019)

Exam



Step 2:

Greenhouse Gas

Professional

Quantifying the carbon
footprint of products
(ISO 14067:2018)

Exam

Climate Change
Management –
Carbon Neutrality
(ISO 14068-1:2023)

Exam





Benefits for your organization

- Reduce your operating costs and waste to improve the bottom line.
- Become the supplier of choice and win new business with independently endorsed credentials.
- Achieve competitive advantage by taking a leadership position on sustainable issues.
- Keep ahead of regulation and liability issues through proactive compliance.
- Create a positive brand image by communicating and managing environmental, social and ethical issues.
- Demonstrate your green credentials in tenders and business opportunities.

Why choose BSI?

Our globally recognized programs, led by industry experts, offer comprehensive and practical learning experiences tailored to your needs. You will gain internationally accredited certifications, benefit from interactive sessions, and receive ongoing support to ensure you stay ahead in your field.

We also enjoy a unique position, working with our clients to help them further their own contribution to the UN SDGs, offering assurance, regulatory and consulting services relating to important standards such as:

- ISO 50001 (Energy Management)
- ISO 14064 (Greenhouse Gas Verification)
- ISO 20400 (Sustainable Procurement)
- ISO 20121 (Sustainable Events)
- ISO 37122 (Sustainable Cities and Communities)

This rich portfolio of standards and our related services and solutions to clients particularly underpin SDG 17 (Partnerships for the goals) as well as, ultimately, many of the individual SDGs.

Start a qualification with us today.

As an accredited certification body, BSI Assurance cannot offer certification to clients where they have also received consultancy from another part of the BSI Group for the same management system. Likewise, we do not offer consultancy to clients when they also seek certification to the same management system.





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Want to learn more?

Explore our Training Courses

