

Carbon Journey

Building trust in your net zero plan

- Set and share your ambition
- Invest in your people
- Plan and launch your journey

A framework to obtain independent, third-party verification of your carbon inventory, methodology, management plan, reduction targets and reporting









BSI - "Inspiring trust in a more resilient world"







Experienced – Founded 1901

The world's first National Standards Body

A founding member of ISO and CEN (Europe)

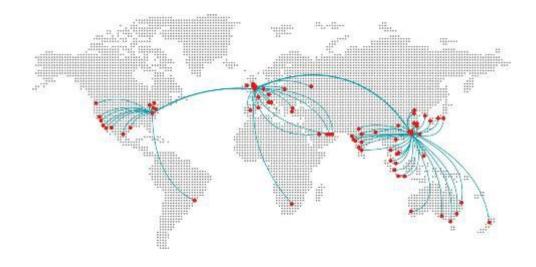
A Royal Charter Mandate – focused on creating best practice

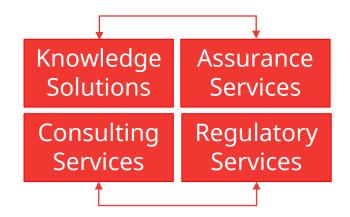
Thought leaders

Shaped over 80,000 best practice standards and guidelines.

Global best practice partner

~5,000 employees and 12,000 experts in 183 countries







The problem that BSI & EAUC is aiming to solve

"Net zero targets have exploded globally but not all targets are made equal"

The regulatory landscape is moving **quickly but pressure exists** to:

- Set a net zero target
- Deliver a carbon reduction plan
- Ensure net zero timeline is not exceeded

At an institutional level:

- SMT license to operate, reduce risk, enhance reputation
- CFO positive impact on cost of finance / operating profit
- Student recruitment carbon reduction benefit to stakeholder footprint
- Risk avoidance of greenwash

BUT, There is confusion:



- Inconsistent use of net zero terminology, GHG protocols, timescales, baselines etc.
- Many/most net zero certifications and claims linked to offsetting or proprietary schemes CLIMATE
- Severe risk of greenwash















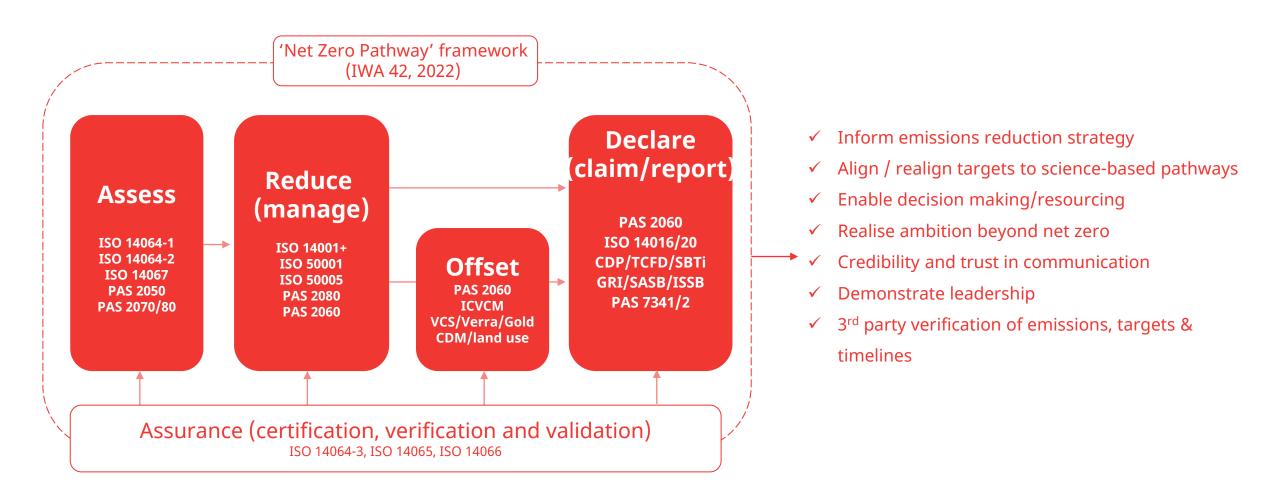




ISO NetZero Guidelines (IWA 42:2022) at COP27, 2022, aimed at accelerating the transition to NetZero:



Standards for the carbon journey





7 steps supporting the path to net zero

Step1: Calculate Carbon Footprint

Using the requirements of ISO14064:2018

BSI conduct a verification of the data and issue a

Verification Opinion.

This footprint will be used as the baseline for target setting and reduction

Step 2: Reduction targets

Using a sciencebased approach, map annual emissions profile to reach Net Zero by/before 2050

Starting point will be total **market based** emissions reported on verification opinion. Targets as tonnes CO2eq

Step 3: Implement reduction system

Meeting ISO Net Zero Guidelines IWA 42:2022

The management system is to include specific reduction objectives to achieve targets established in step 2

Step 4: Independent Audit

Implementation of the reduction management system to be assessed by BSI through audit

This will confirm IF all IWA 42 recommendations have been addressed and that reduction targets are correctly set using a sciencebased approach

Step 5: Certificate

Once footprint
verification, target
setting and
satisfactory audit
Against IWA42:2022
steps are completed,
BSI will issue a
certificate confirming
commitment to the
BSI Net Zero
Framework scheme

Valid for 3 years from date of issue

Step 6: Staying on track

An annual surveillance audit will be to assess if the reduction management system is being maintained and that satisfactory progress against targets is being made

This high-level review will not produce an emissions
Verification Opinion

Step 7: 3year verification

A next full verification to ISO14064-1 with a new accredited Verification Opinion**

To include an audit of progress against targets & reduction management system to determine if IWA42 requirements continue to be met. If so, a new 3-year certificate is issued (as per Step 5)

BSI Consulting and BSI Connect software solution

We support with training to help you achieve your emission reduction targets

- *A **Step 0** will be introduced which rewards a level of commitment with recognition on BSI's website
- ** More frequent GHG data verification against 14064 may be offered if there is an internal / external reporting need



EAUC and **BSI** in partnership

EAUC and BSI have the following aim:

To address carbon reductions through to net zero credibly for the sector through a standardised approach to target setting, and to verification to ensure accuracy and transparency

- Roll-out and use by members of the EAUC SCEF, as signatories of the Race to Zero for Universities and Colleges
- Introduction to BSI's Net Zero Framework, to drive target setting and reductions (based on data verification and IWA42)
- Annual audit to ensure satisfactory progress and that timeline on track
- Beginning with key pilot programmes with selected Universities to lead
- Over the longer-term



Benchmarking opportunity...

150+ universities and further education bodies Forward together

Generating reliable performance data, consistently

Data & best practice correlation & comparison

Rich content for knowledge sharing & communications

What EAUC pilot members can expect Step 2:

Using a science-

annual emissions

by/before 2050.

total market

based emissions

based approach, map

Starting point will be

reported on verification

opinion. Targets defined

in tonnes CO2equivalent

profile to reach Net Zero

Step1: Calculaté Carbon Footprint

Using the requirements of ISO14064:2018.

BSI conduct a verification of the data and issue a Verification Opinion. This footprint will be used as the baseline for target setting and reduction

Step 3: Implement Reduction targets reduction system

Meeting ISO Net Zero Guidelines IWA 42:2022.

> The management system is to include specific reduction objectives to achieve targets established in step 2.

Step 4: Independent

Implementation of the reduction management system (Step 4) to be confirmed by BSI through audit.

This will confirm IF all IWA 42 recommendations have been addressed and that reduction targets are correctly set using a sciencebased approach.

Valid for 3 years from date of issue

Step 5: Certificate

Once footprint

Step 6: Staying on track

verification, target Subsequently, an setting and annual surveillance satisfactory audit audit will be to confirm Against IWA42:2022 the reduction steps are completed, management system is BSI will issue a being maintained and certificate confirming that satisfactory commitment to the progress against BSI Net Zero targets is being made. Framework scheme:

> This high-level review will not produce an emissions Verification Opinion

Step 7: 3 year verification

A full verification to ISO14064-1 with a Verification Opinion.

To include an audit of progress against targets & reduction management system to determine if IWA42 requirements continue to be met. If so, a new 3-year certificate is issued (as per Step 5)



The BSI difference

Our framework has been developed by our net zero subject matter experts to incorporate best practice and provide robust assurance to your customers and supply chain.

The framework includes a number of key features which differentiate it from other frameworks in the marketplace.

Features of the framework:

- We provide independent, third-party audit and verification of the carbon inventory, methodology, management plan, and reduction targets
- Verification of the GHG inventory is a UKASaccredited verification
- Our framework requires the inclusion of scope 1, 2, and 3 emissions
- Targets must be science-based and take account of future business growth
- Targets are evaluated using the BSI Evaluation Forecaster
- Our Scheme provides assurance around your carbon inventory, methodology, targets, and management controls
- You must offset your residual emissions once Net Zero is achieved





How do my emissions compare?





- Offsets: £98m by 2022-50
- Doesn't achieve Net Zero by 2050
- Emissions cause £106m damage to human health and property 2022-50

Total spend: £98m by 2050



Offsets: £3.4m by 2050

Reductions: £4.1m by 2050

Achieves Net Zero by 2031

 Emissions cause £7.8m damage to human health and property

Total spend: £6.5m by 2050

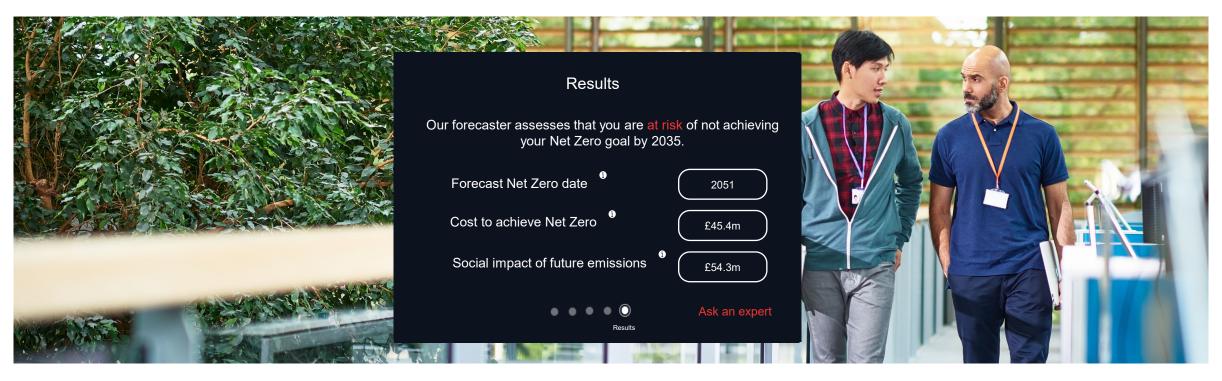


BSI Target Evaluator

bsi. Standards Services Sectors Topics About

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Temporary MS Form: https://forms.office.com/e/YhhRSsfMYS



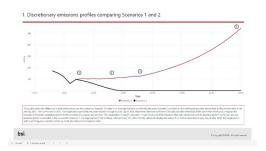
BSI Target Evaluator

Standards Services Sectors Topics About

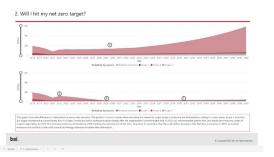


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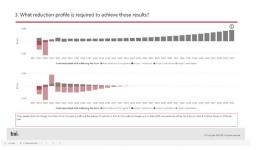
Compare two pathways to net zero



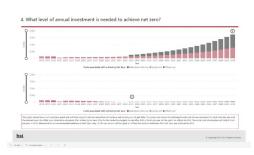
Will I hit my net zero target?



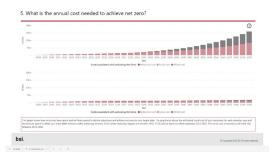
Reduction profile to achieve net zero



Annual investment to meet net zero



How much will net zero cost?



Temporary Report: Net Zero Framework - creation and mobilization team - Home (sharepoint.com)



Leader

Developing capability across your organization

Foundation

To achieve carbon neutrality, your people will need the confidence, skills, and behaviours to help you:

- Gain the buy-in and commitment of your supply chain
- Mobilize your carbon footprint management plan to deliver your reduction targets
- Provide top management with the assurance that carbon footprint reductions are being delivered at proportionate cost with an appropriate return on investment

Our courses and qualifications can provide you with relevant learning, designed for every level.

Awareness

For individuals who need to understand why climate change and carbon neutrality matters and how they can contribute to reducing emissions.

Net Zero awareness 20-mins micro-learning

Practitioner Support

For technicians and managers who need to understand carbon neutrality terminology and principles to support the implementation of emission reduction strategies across the organization.

- Making a commitment to achieve carbon neutral status 4-hours adaptive learning
- Carbon offsets and declaring carbon neutral status 4-hours, adaptive learning

Carbon offsets and declaring carbon neutral status

4-hours, adaptive learning

Leadership

Professional

For functional leaders who need to design the programme for change and lead the implementation of emission reduction initiatives across the organization.

- Making a commitment to achieve carbon neutral status
 - 4-hours, adaptive learning
- Quantifying your Carbon **Footprint** 4-hours, eLearning
- Environmental **Management System Lead Implementer** 2-days, classroom learning

Governance

For senior management who need to lead and inspire their teams to support the implementation of emission reduction strategies across the organization.

- Carbon Neutrality Senior **Management Workshop** 3-hours, virtual workshop
- Road to Carbon **Neutrality: Terminology** and Principles 4-hours, eLearning



Visualizing the road ahead

Completion date:	Completion date:	Completion date:	Completion date:	Completion date:
We recommends allowing 3-4 hours for senior leaders to complete a workshop	We recommend scheduling 30-45 days for this step	We recommend scheduling a town hall, followed by 4-6 weeks to complete training and focus areas	We recommend scheduling 3-4 weeks to complete your carbon inventory	We recommend scheduling 3-4 weeks to identify your emission reduction initiatives
Senior leaders				
Workshop Explore carbon neutrality goals and milestones	Training Key terminology and principles of carbon neutrality	Share your ambition Share with the team and make your call to action		
	Functional leaders	1		1
 	Training Acquire the skills to lead the change	Focus areas Gap assessment to identify focus areas	 Quantify Measure your carbon footprint 	Outline Identify emission reduction initiatives
		Technicians and managers		1
Key:		Training Acquire the skills to support the change	Reductions Identify potential emission reduction opportunities	Support Support the development of the carbon management plan
Foundation			Wider team	
Practitioner Professional Leader			Training Acquire the skills to support the change	Ideation session Host a team ideation session to identify potential reduction opportunities



Next steps

We are now ready to begin inducting pilot clients from 11 September 2023.

Let us know if you would like to be one of the first to access our scheme.

The only independent, third party verified scheme to audit your GHG inventory and your GHG management controls



1. Shape

Shape your net zero ambition

Use our guidance to shape an ambition in a credible way.

Book your workshop to discuss your journey so far

Enter your data so far into our MS Form

Access your Carbon Journey quotation

2. Share

Share your net zero commitment

Promote your call to action with BSI to help you communicate a clear vision for your organization.

Sign our Carbon Journey client commitment

Access your Net Zero toolbox

3. Invest

Invest in upskilling your people

Upskilling your people will support you to deliver the reductions you need to meet your ambition.

Access Net Zero Training from our Academy

Conduct a gap analysis using our templates

Book your ISO 14064-1 verification and IWA 42 audit

4. Audit

Audit your data

Independent, third party audit of your carbon inventory, methodology, targets, and controls to ensure your net zero target is robust and evidence-based.

ISO 14064-1 verification

IWA 42 audit

5. Verification

Receive your certification

Communicate trust and confidence in your Net Zero plan with the globallyrecognised BSI mark of trust.





Thanks for listening

We welcome any questions you might have.



Read more about our services and products on our website bsigroup.com