

Zeroing In: The Path to a Greener Future

NET ZERO BY 2045

NET ZERO

Global: Circularity

Circularity Gap Report 2023

Although much of their infrastructure is already

built up, Shift countries still contribute heavily to planetary boundary overshoot.

Grow countries make a large contribution to the overshoot of planetary boundaries—largely by producing materials to feed the demand of higher-income (Shift) countries.

Build countries make a minimal contribution to the overshoot of planetary boundaries.

[CGR 2023 \(circularity-gap.world\)](https://www.circularity-gap.world/)

UK: Green Jobs

Green Jobs Barometer

2.3% increase in the proportion of the labour market made up of green jobs

7 out of the 12 UK's economic regions increased the proportion of green jobs advertised compared to total jobs.

1,869 extra green roles advertised in Scotland, contrasting the reduction of overall demand for green skills across the UK.

4.04% of all jobs advertised in Scotland are considered as green, a proportion 74% higher than the UK average

[Green Jobs Barometer - PwC UK](#)

Scotland: Scottish Enterprise

Focus on economic transformation

One of the drivers identified: A changing climate - Climate and biodiversity crises; adapting and building resilience; a just energy transition.

The opportunities for Scotland:

- Growing high-value jobs and businesses in green energy supply chains
- Addressing enormous green energy and net zero market opportunities at home and globally

[Our focus on economic transformation \(scottish-enterprise.com\)](https://www.scottish-enterprise.com/)

BS ISO 14068-1:2023



BSI Standards Publication

Climate change management. Transition to net zero Carbon neutrality

BS ISO 14068:2023 STANDARD

This new standard builds upon PAS 2060 which was first developed 15 years ago.

A period of 24 months was announced, from the date of publication of the ISO 14068 standard, before the PAS 2060 document will be withdrawn. As the ISO standard was published on 30th November 2023 it will completely replace the PAS 2060 standard from 30th November 2025.

[BS ISO 14068-1:2023 | 30 Nov 2023 | BSI Knowledge \(bsigroup.com\)](https://www.bsigroup.com/standards/BS-ISO-14068-1-2023)

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FUNDING: IETF PHASE 3 SPRING 2024 COMPETITION



Applications for the IETF Phase 3 Spring 2024 window are currently being accepted, with a substantial £185 million in funding to support the decarbonisation of industrial processes through investing in energy efficiency and deep decarbonisation technologies. Funding will be allocated across three competition strands:

- Studies: feasibility and engineering studies to enable businesses to investigate identified energy efficiency and decarbonisation projects prior to making an investment decision
- Energy Efficiency: deployment of technologies to reduce industrial energy consumption
- Decarbonisation: deployment of technologies to achieve industrial emissions savings

[Industrial Energy Transformation Fund \(IETF\) Phase 3: Spring 2024 - How to apply - GOV.UK \(www.gov.uk\)](#)

Industrial Energy Transformation Fund - Phase 3: Spring 2024 Guidance

January 2024

Voluntary Carbon Market (VCM)

At COP28 a landmark agreement was made between key players in the VCM, where leading independent carbon crediting standards announced they will start working together to improve consistency, transparency and quality across the carbon project certification landscape. This development is key to ensuring companies use carbon credits with confidence and consequently improve and scale the flow of climate finance to host countries.

Carbon credit quality is a multi-faceted and rapidly evolving concept. The highest quality credits are those meeting minimum standards of: real, measurable, permanent, independently verified, additional and unique, based on the ICROA Code of Best Practice – the leading industry Accreditation Programme committed to enhancing integrity in the Voluntary Carbon Market in support of the Paris Agreement Goals.

New initiatives are underway to set a higher bar for carbon credit quality, namely The Integrity Council for the Voluntary Carbon Market (ICVCM) through its Core Carbon Principles and assessment framework.

[The Core Carbon Principles - ICVCM](#)

THE CORE CARBON PRINCIPLES

The CCPs are a set of interlinked principles to define a threshold standard to ensure integrity in the voluntary carbon market.

- EMISSIONS IMPACT**
 1. Additionality
 2. Permanence
 3. Robust quantification of emission reductions and removals
 4. No double counting
- GOVERNANCE**
 5. Effective governance
 6. Tracking
 7. Transparency
 8. Robust independent third-party validation and verification
- SUSTAINABLE DEVELOPMENT**
 9. Sustainable development benefits and safeguards
 10. Contribution to net zero transition