

# Zeroing In: The Path to a Greener Future

NET ZERO BY 2045



## Developing a SMART roadmap to Net Zero

We are excited to offer you a valuable opportunity to learn and explore the topic of Net Zero via our orientation course - **Introduction to developing a SMART roadmap to Net Zero** and our comprehensive course **Unlocking Success in Net Zero: Developing a SMART roadmap**, both offered at a reduced price for our members.

Enrolling in the main course will give you access to an exclusive offer that includes Bonus Resources, Personalised Support, Certification and Community Access.

Additionally, as a valued member, you will also receive free access to our **Net Zero Library**, a collection of nearly 500 downloadable documents regularly updated to keep you informed. Don't forget to request your coupons at [netzero@scoteng.org](mailto:netzero@scoteng.org)!

The main course promises to equip you with in-depth knowledge and practical skills in Net Zero and sustainability, empowering you to achieve your goals.

Enroll now to take advantage of these exclusive benefits and unlock a world of knowledge and growth. We look forward to welcoming you to the main course and supporting you every step of the way.

[A SMART roadmap to Net Zero \(scoteng.org\)](https://scoteng.org)

Global: Guide to engaging stakeholders in the net zero transition

### Insights that can help on proposal briefing

As you progress your organisation's net zero journey, you may need to consider investing in new onsite energy generation assets. But are your stakeholders convinced?

Centrica has prepared a guide that can help you understand the likely interests and concerns of the stakeholders who are commonly involved in energy investment decisions.

[Guide to engaging stakeholders in the net zero transition \(centricabusinesssolutions.com\)](https://centricabusinesssolutions.com)

UK: Innovate UK is offering travel support for companies

### Travel support for UK businesses to attend European events

To be eligible for support, you need to be a for-profit UK-based R&D performing SME according to the EU definition. If successful in your application for travel and accommodation costs, you will receive proactive support from Innovate UK to help you maximise the benefit of attending.

Up to £700 is available to help cover travel and subsistence costs needed to attend a list of events:

[Travel support for UK businesses to attend European events - apply now - Innovate UK Business Connect \(ktn-uk.org\)](https://ktn-uk.org)

Scotland: Innovative deal between NFUS and SENS UK

### Scottish farmers unite to support national solar expansion initiatives

A significant deal has been struck between the National Farmers Union Scotland (NFUS) and a leading clean power developer, Igony Solar Energy Solutions (SENS UK), aiming to propel Scotland's journey towards net zero. This collaboration promises to roll out solar farms nationwide, offering farmers an extra income stream while ensuring that productive agricultural land remains untouched.

[Scottish Farmers Unite to Support National Solar Expansion Initiatives \(sustainabletimes.co.uk\)](https://sustainabletimes.co.uk)

## Standards

### GHG Protocol Use within ISSB's IFRS S2 Standard enabling adoption of a common standard

In working toward a common GHG accounting standard adhered to by all, IFRS S2 requires GHG emissions reporting by scope to be measured in accordance with the GHG Protocol Corporate Standard (2004). An entity shall apply the requirements in the Corporate Standard (2004) only to the extent that they do not conflict with the requirements in IFRS S2 (see Scope 3 example).

IFRS S2 is currently being adopted into regulatory frameworks, including in Turkey, Nigeria, Sri Lanka, Brazil and Costa Rica. Other governments have expressed intention to make IFRS S2 mandatory, including in Canada, the **UK** (see **March newsletter**), Japan and Singapore, among others. It is expected that IFRS S2 will continue to be adopted by jurisdictional authorities around the world as GHG emission disclosure becomes common practice to meet investor needs.

The European Commission passed the Corporate Sustainability Reporting Directive in 2023 (see **May newsletter**) which will require organisations to disclose emissions following GHG Protocol standards. The United States Securities and Exchange Commission finalised a rule in March 2024 that will require all publicly traded U.S. companies to report their emissions, also referencing GHG Protocol as the common standard. The Corporate Standard (2004) has also been incorporated in various climate action and disclosure programs, including serving as the foundation of net-zero target-setting and emission reduction goals in line with the Science Based Targets Initiative (SBTi), CDP, GRI and beyond.

[GHG Protocol Use within ISSB's IFRS S2 Standard Enables Widespread Adoption of a Common Standard for GHG Accounting | GHG Protocol](#)

## Innovations



### REVOLUTIONISING ENERGY STORAGE WITH UNDERWATER TANKS

Compressed-air energy storage (CAES) is not a new idea, but its implementation has been limited largely due to location constraints and technology inefficiencies. **BaroMar's** system, by contrast, has a limited land footprint and achieves up to 70 per cent efficiency, which is higher than existing CAES technologies. It also has a lower levelised cost of storage compared with other long-duration storage systems.



### NET-ZERO EDUCATION: THE 'DUOLINGO' OF GREEN SKILLS

Countries are investing heavily in renewable energy, but there's a growing gap between demand for green tech and the number of skilled workers who can install it. In the UK, for instance, electrical engineers and certified welders are in particularly short supply, with thousands more needed than are available. One method for upskilling young people and introducing them to a range of opportunities in green employment is web-based digital platform **GetZero**. The app uses a gamified approach to teach practical skills and knowledge about decarbonisation and sustainability.



### 3D-MOULDING SOFT GOODS TO REDUCE FASHION WASTE

The fashion industry is responsible for around 10 per cent of the planet's carbon emissions. The European Council members have approved regulations for a new "Ecodesign" framework to establish sustainability requirements for products, as well as a new ban on the destruction of unsold textiles and footwear.

**Simplifyber** has created what it claims are the world's first fully moulded cellulose-based soft goods, including shoe uppers and t-shirts, which are both fully biodegradable and easily recycled.