

Zeroing In: The Path to a Greener Future

NET ZERO BY 2045



Leaving a Positive Legacy

The Long Time Project

The Long Time Project is focused on finding new ways to help us care about the long-term future, so that we take responsibility for it in the short-term.

It aims to galvanise public imagination and collective action to help us all be good ancestors.

<https://www.thelongtimeproject.org/>

Artificial Intelligence (AI)

18 AI ideas to change the world

18 ideas across 4 priority sectors where the market is ripe for AI innovation, but the market has not provided accessible solutions

<https://iuk.ktn-uk.org/wp-content/uploads/2023/09/230911-Innovate-UK-AI-Use-Cases-Final-Report.pdf>

COP28

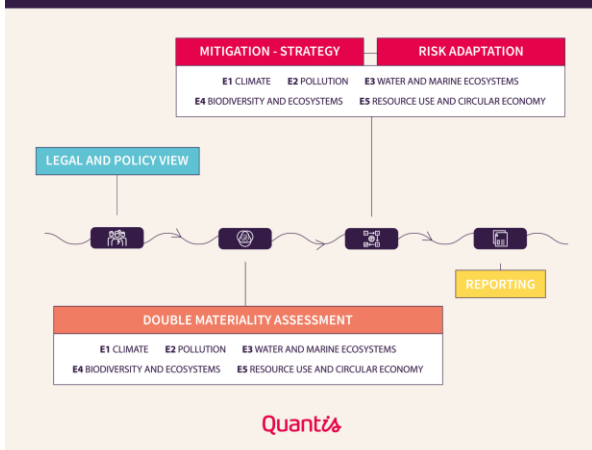
UNFCCC Synthesis Report of the First Global Stocktake

Global emissions to date are not in line with the global temperature goal, nor are they aligned with longer-term emission reduction goals.

Achieving the goals won't be possible unless government efforts are complemented by action from businesses, financial institutions and cities.

[Technical dialogue of the first global stocktake Synthesis report by the co-facilitators on the technical dialogue | UNEFCCC](#)

Overview of Environmental ESRS (under CSRD)



REGULATIONS

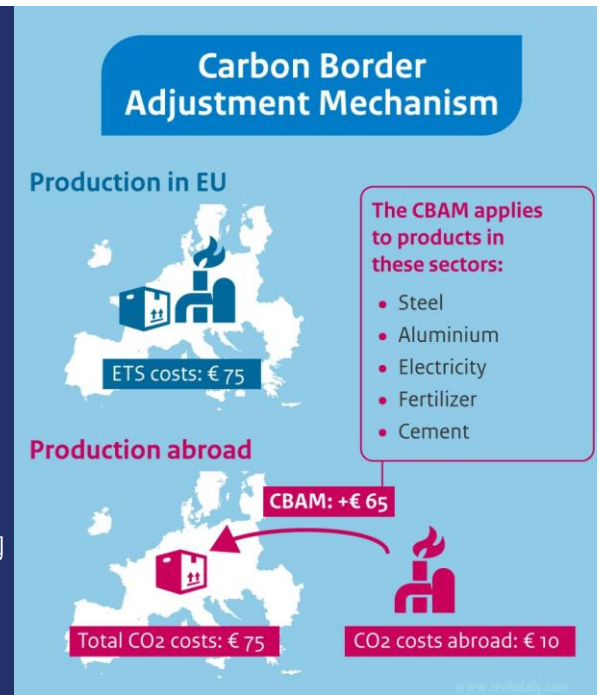
On July 31, 2023, the European Commission adopted the European Sustainability Reporting Standards (ESRS) to be used by all companies subject to the Corporate Sustainability Reporting Directive (CSRD). All listed companies that are active in the EU will have to implement the CSRD by 2029.

[CSRD: Implications for businesses inside + outside the EU \(quantis.com\)](#)

Carbon Border Adjustment Mechanism (CBAM)

The Carbon Border Adjustment Mechanism (CBAM) has been proposed by the EU as a mechanism to stop what is known as 'carbon leakage'. If countries import large numbers of goods, they may claim their overall carbon emissions have reduced, when in fact the carbon they would have produced by manufacturing and/or assembling the goods themselves has essentially been 'exported' to the country supplying them. CBAM is designed to make countries accountable for the carbon that is produced developing the goods that sustain their economies.

[Understanding CBAM – A Quick Overview For The Plastics Industry \(bpf.co.uk\)](https://www.bpf.co.uk/understanding-cbam-a-quick-overview-for-the-plastics-industry)



PLASTIC PACKAGING TAX (PPT)

Mark Pawsey said: "The introduction of the plastic packaging tax was a really positive thing to ensure that we got more use of recycled material, but in this case, with no verification from products that are manufactured outside the UK, the grave danger is we are really doing a grave danger to the UK manufacturers."

This situation has also impacted on UK recyclers of used plastics, who supply plastic manufacturers with recycled raw materials, who have seen a substantial reduction in demand for recycled pellet.

[Plastic tax system 'being abused' by foreign imports, claim MPs \(packagingnews.co.uk\)](https://www.packagingnews.co.uk/plastic-tax-system-being-abused-by-foreign-imports-claim-mps)

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Enabling Net Zero: A Plan for UK Industrial Cluster Decarbonisation

The report synthesises the six individual cluster plans, including the Scottish Net Zero Roadmap (SNZR), through a national lens and identifies the next steps needed at the national level for the industrial clusters to achieve their net zero targets. In doing so, it creates a platform of shared knowledge and replicable models that can be used by existing and future industrial cluster decarbonisation efforts within the UK and globally

[UKRI-061123-EnablingNetZeroPlanUKIndustrialClusterDecarbonisation.pdf](https://www.ukri.gov.uk/~/media/UKRI/061123-EnablingNetZeroPlanUKIndustrialClusterDecarbonisation.pdf)

"Greenhouse gas emission reduction is the defining challenge of our time. Mitigating the worst of climate change is critical to ensuring our planet can sustain us in the future and requires transformation of the economy as we know it."