



CARBON MANAGEMENT IN BUILDINGS AND INFRASTRUCTURE PAS 2080:2023

SUSTAINABILITY. SIMPLIFIED.

Climate change poses a serious threat globally, and within the UK the infrastructure section is currently one of the largest contributors. In a bid to tackle this, PAS 2080 (Carbon Management in Buildings and Infrastructure) was developed to provide a common set of requirements and guidance for this sector.

This publicly available specification (PAS) was developed initially back in 2016 through a team of experts within the infrastructure field. The specification provides a

framework for managing and reducing the carbon emissions associated with buildings and infrastructure projects, with a focus on the entire lifecycle.

In 2023, the specification was revised to its current version and welcomed a number of positive and meaningful revisions. The overarching theme of the changes were focused on including the built environment as well as infrastructure, alignments with the 1.5 degree climate change scenario, and integrating the transition to net zero throughout.

PAS 2080 emphasises the importance of entire value chain collaboration to address whole life carbon. Requirements throughout the standard are broken down to all value chain members, as well as specific requirements for the individual roles, including:

- ✓ Asset owners and managers
- ✓ Designers
- ✓ Constructors
- ✓ Product and material suppliers



THE USE OF PAS 2080 WILL HELP ORGANISATIONS WITH:

- Improved efficiency by reducing greenhouse gas emissions
- Cost-saving opportunities through identified reductions in material, energy and labour
- Consistency within the industry and governance throughout the supply chain
- Recognition for environmental efforts and commitment
- Competitive advantage through an enhanced brand image and reputation
- Meeting tender, supply chain, and stakeholder expectations

WHY CHOOSE PAS 2080 CERTIFICATION?

- Gain credible recognition for environmental efforts and improvements
- Build your portfolio of compliance standards
- Enhanced competitive advantage
- Improved reputation and brand image in sustainability
- Avoid the risk of greenwashing claims through managing and mitigating risk

WHAT ARE THE STEPS TO CERTIFICATION?

The certification process for PAS 2080 can be broken down into four simple steps:

PREPARE:

It is important to understand the PAS 2080 standards and familiarise yourself with the requirements

DETERMINE:

Next, you need to establish a plan for implementing the standard, along with designated roles and responsibilities

REPORT:

There are a number of clauses requiring you to 'document' or 'report' on your implementation and progress to conform to PAS 2080

CERTIFY:

NQA provide independent third-party certification; this is the most credible conformity route your business can opt for

Should you wish to discuss your certification requirements with a member of our team please get in contact.



NQA, Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, Bedfordshire LU5 5ZX, United Kingdom

T: 0800 052 2424 E: info@nqa.com @nqaglobal

www.nqa.com