



Enabling better emissions management

How carbon footprint specification PAS 2050 helps organizations throughout the world to minimize their carbon footprint

In 2008, BSI published the world's first carbon footprint specification, PAS 2050, *Specification for the assessment of the life cycle greenhouse gas emissions of goods and services*. It was developed to help organizations assess and better manage the climate change impact of their products and services.

Recognized and applied internationally to a wide range of products and services, PAS 2050 also offers a methodological benchmark that can inform and improve other national and international footprint initiatives.

PAS 2050 was revised in 2011. The aim was to make its methodology more accessible and more relevant to a wider range of businesses, following advances in theory and user feedback.

In this process, cooperation with organizations such as ISO, the World Resources Institute, World Business Council for Sustainable Development and the European Commission during the revision process meant PAS 2050 became

more closely aligned with other international footprint methods to promote best practice and harmonization of standards.

Using PAS 2050 enables businesses to assess the life cycle GHG (greenhouse gas) emissions of their products or services, to identify hotspots and make cost and energy savings. They can also use the specification to devise ongoing programmes aimed at reducing GHG emissions and evaluate alternative configurations, sourcing and manufacturing methods, raw material choices and suppliers.

Sector-specific guidance

We have now published a guide to PAS 2050 that offers specific, interactive and practical advice, as well as examples and useful references to support users of the standard.

The 2011 revision of PAS 2050 also introduced a framework that enabled the development of supplementary sector-specific requirements, for example, horticultural products (PAS 2050-1) and aquatic food products (PAS 2050-2).

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A new standard is in development, PAS 2070, *Specification for the assessment of consumption-based greenhouse gas emissions in cities*. The PAS will explain how to measure citywide GHG emissions and it will be able to be used all over the world).

The PAS 2050 family of specifications addresses just one aspect of global warming and the sustainability agenda. GHG emissions must be considered within a much wider environmental and social context. We are working on a growing portfolio of specifications and standards aimed at helping organizations manage the full range of their commitment towards sustainable development.

To find out more about PAS 2050 and carbon footprinting please visit bsigroup.com/pas2050

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