

Services – carbon footprinting

We offer carbon footprinting and climate declarations for products and services and also for organizations.

Depending on your requirements and following discussions with you, we will then issue a questionnaire for you to report the necessary information to allow us conduct the analysis.

The process is similar, irrespective of whether we are analysing a product, a service, or an organization, but the complexity will differ. Normally a climate declaration will be produced, if requested, as part of an LCA which underpins an EPD. Sometimes, only the climate declaration is required, but the information gathering process is the same.

Data gathering for organisational footprinting is somewhat different and very much depends upon the activities of your organization. We can assist you with producing your own report, or take charge of the whole process, this is up to you. Normally, we produce a report for you and then your organization uses that to produce a climate declaration. If third party verification is required, then we can provide this or assist with provision.

In all cases, it is essential that good records are kept and made available to us. Normally, clients will require an NDA to be in place.

The methodology adopted follows that described in various standards:

- ISO 14064-1:2018 Greenhouse gases – Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals.
- ISO 14067:2018 Greenhouse gases. Carbon footprint of products. Requirements and guidelines for quantification.
- PAS 2050:2011 Specification for the assessment of the life cycle greenhouse gas emissions of goods and services.

There are also standards for specific product categories, e.g.:

- PAS 2395:2014 Specification for the assessment of greenhouse gas (GHG) emissions from the whole life cycle of textile products.
- PAS 2050-1:2012 Assessment of life cycle greenhouse gas emissions from horticultural products - Supplementary requirements for the cradle to gate stages of GHG assessments of horticultural products undertaken in accordance with PAS 2050.
- PAS 2050-2:2012 Assessment of life cycle greenhouse gas emissions - Supplementary requirements for the application of PAS 2050:2011 to seafood and other aquatic food products.
- ISO 22526-4:2023 Plastics. Carbon and environmental footprint of biobased plastics - Environmental (total) footprint (Life cycle assessment).

- ISO 14083:2023 Greenhouse gases. Quantification and reporting of greenhouse gas emissions arising from transport chain operations.

Other standards also apply in the case of monitoring or reporting of GHG reduction pathways, demonstrating carbon neutrality, or validating GHG statements:

- ISO 14064-2:2019 Greenhouse gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements.
- ISO 14064-3:2019 Greenhouse gases – Part 3 Greenhouse gases - Specification with guidance for the verification and validation of greenhouse gas statements.
- PAS 2060:2014 Specification for the demonstration of carbon neutrality.
- IWA 42:2022 Net zero guidelines.