



# Environmental Impact Services

Quantify. Understand. Report. Reduce

## Purpose

The environmental impact services enable companies to quantify & understand the environmental footprint of operations and products, certify and report key metrics to stakeholders and build a climate transition plan to reduce environmental footprint. As a technology provider into the food & mobility industries, Bühler offer the unique combination of process knowledge and quantification to build tailored sustainability solutions.

We **simplify** your sustainability journey!



**Cost reduction**

Save time and cost understanding your footprint and reduction potential with our combined quantification & processing knowledge.

**Quality**

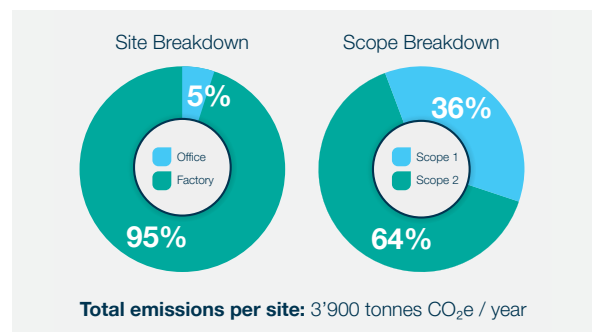
Work with one partner to quantify & reduce your footprint, benchmark your performance and implement industry best practice.

**Sustainability**

Increase your supplier rating with independent third-party certifications and multi-metric analysis

## Site Assessments

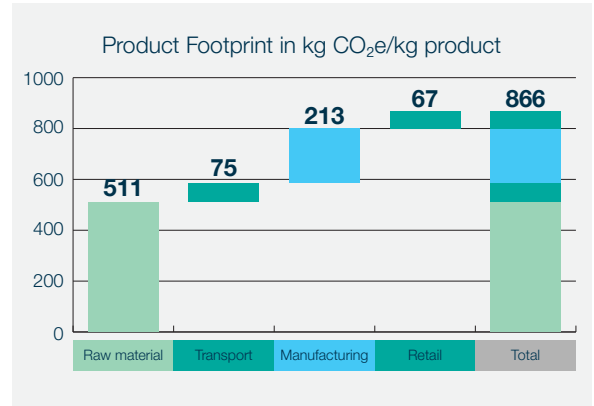
A site assessment provides a comprehensive overview of Scope 1 and Scope 2 CO<sub>2</sub>e emissions in accordance with the Greenhouse Gas Protocol. Using both primary & secondary data, you can understand the CO<sub>2</sub>e footprint of your manufacturing processes and generate key values such as absolute emissions per year and emissions per tonne of product. You can also certify these assessments, learn about reduction methods and quantify your Scope 3 footprint.



## Product Assessments

Product assessments follow the international standard ISO 14067, and provide the CO<sub>2</sub>e emissions per tonne of product. The assessment includes the impact of raw materials, manufacturing steps, and logistics.

You can also certify these assessments, use them to engage your supply chain, and learn about reduction methods across the value chain.



## Customer Feedback from Hemelter Mühle



We supported Hemelter Mühle by:

- Quantifying **product CO<sub>2</sub>e footprints** of flour & bran from the farm, into wheat storage, wheat logistics, milling, and flour logistics
- Providing a comparison of **different logistics methods** including lorry, rail, and ship
- Quantifying site CO<sub>2</sub>e footprint of the Spelle site in Germany
- Providing an impact analysis of CO<sub>2</sub>e neutrality & purchase of renewable electricity

The Bühler team provided us with extensive insight into the details and particulars of the calculation, so that the subsequent evaluations were always comprehensible and transparent for us as non-experts in this field. This enables us even today to answer our customers' questions about our results with ease.

– Jan Cordesmeier, CEO of Hemelter Mühle



## Customer Feedback from Epiphany malt



We supported Epiphany Malt by:

- Quantifying product CO<sub>2</sub>e footprint of barley production, barley logistics, malting, and distribution logistics
- Providing a breakdown of the barley agriculture emissions
- Estimating water and land use of raw materials
- Offering an overview & know-how to accompany Epiphany in its pathway to CO<sub>2</sub>e neutrality & support in purchasing of carbon-credits

The assessments performed by the Bühler team gave us a comprehensive overview of our impact and the main leverages to reduce it, both within our operations and by engaging with our value chain. The partnership with Bühler is and will be essential to support us in achieving our sustainability targets.

– Sebastian Wolfrum, Founder of Epiphany Malt



Book a 1:1 with  
our experts online



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