

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!

1

Quantify your CO₂e footprint across all scopes in the Greenhouse Gas Protocol & gain transparency of environmental impacts in the value chain

2

Understand the key levers to reduce your company CO₂e emissions, value chain emissions & reporting requirements.

3

Report your results credibly with independent third-party certifications & communicate results to investors, customers & consumers.

4

Reduce your footprint by optimizing existing assets, taking data-based decisions comparing USD/Tonne per CO₂e reduced & build your climate strategy.

The key advantages/benefits of our service:



Cost reduction

Reduce your footprint and save cost by optimizing energy consumption & yield



Abide by the law

Reporting GHG emissions is becoming mandatory in many countries.

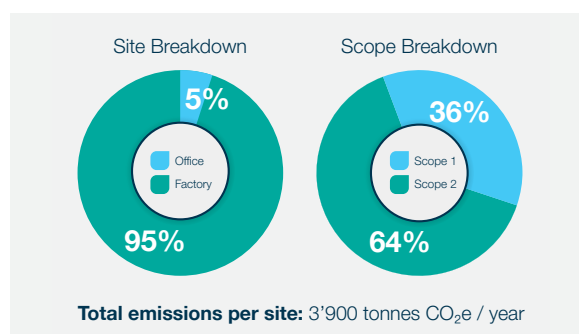


Increase sales

Studies show that consumers are more likely to buy products labelled with Sustainability information.

Site Assessments

A site assessment provides a comprehensive overview of Scope 1 and Scope 2 CO₂e emissions in accordance with the Greenhouse Gas Protocol. Using both primary & secondary data, you can understand the CO₂e 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 (for example to ISO 14064), learn about reductions methods and quantify your scope 3 footprint.

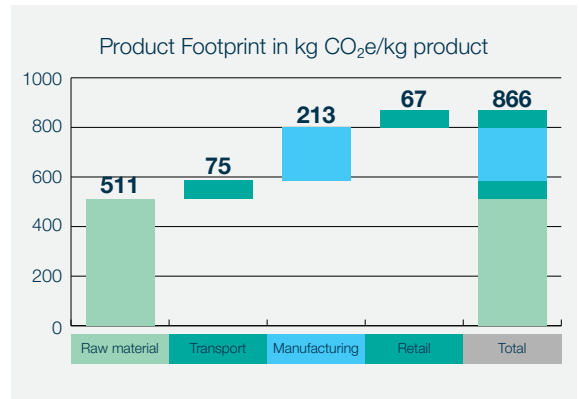


Product Assessments

Product assessments follow the international standard ISO 14067, and provide the CO₂e emissions per tonne of product. The assessment includes the impact of raw materials, manufacturing steps, and logistics.

Product assessments are a selling point to companies who have committed to Net 0 emissions under the SBTi initiative.

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 DGS



We supported DGS on:

- Quantifying **site CO₂e footprint** of the St.Gallen site in Switzerland including analysis of manufacturing emissions, breakdown of energy mix and waste emissions
- Quantifying **product CO₂e footprints** of aluminum and magnesium parts from the production of metal, upstream logistics, casting and downstream logistics
- Analyzing of parts and impact of **using recycled metal**
- Integration of **hydro power and solar panels** into the site quantification

At DGS we are happy to have such great support on CO₂e quantification for the whole diecasting process from our main die-casting-cell supplier Bühler. The profound understanding of the whole process from Bühler helped a lot for an efficient and successful project

– Andreas Müller, CEO of DGS



Book a 1:1 with
our experts online

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