

The carbon footprint and climate impact

The CO₂ footprint (carbon footprint) is a measure of the total amount of carbon dioxide emissions generated or caused directly or indirectly by activities or life stages of products or people.

In addition to carbon dioxide, other greenhouse gases are often accounted for, usually calculated in metric tons of CO₂ equivalent. The term ‚carbon footprint‘ achieved general awareness as a result of a 250 million US dollar advertising campaign by the oil and gas company BP in 2004, as an attempt to shift the perception of responsibility for global warming from the fossil fuel industry to individual consumers.



**CARBON
FOOTPRINT**

In recent years, the carbon footprint has gained importance as a means of determining the climate impact of activities such as the provision or consumption of products and services for individuals or aggregated for organizations and countries.

On this basis, more targeted climate protection measures can be taken to achieve the climate goals pursued, e. g. to limit global warming to a maximum temperature increase of 2 °C (-> „two degree target“).

Environmental management at Lankwitzer

We at LANKWITZER optimize our customers' painting processes from an ecological point of view and are always focussed on the development of environmentally friendly products.

We also advise our customers on issues relating to handling, using, recycling and disposal. Our experts are available to advise on the planning of paint plants and coating lines. We will also support you on matters of profitability and the increasingly complex general requirements regarding environmental protection. We are also your contact for the solvent balance which must be prepared in accordance with VOC regulations.



We take responsibility

Arguments in favour of the carbon footprint

How to reach us:

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UV & EvoKure INNOVATION FOR FUTURE

MADE IN GERMANY

Arguments in favour of the carbon footprint

- ▶ Transparency in the value chain
- ▶ Creating awareness of greenhouse gas emissions
- ▶ Identifying opportunities for reducing emissions
- ▶ Incentives for (further) developing our own climate strategy
- ▶ Illustrating the climate relevance of everyday products and services



- ▶ Informing consumers about alternative courses of action when making purchases
- ▶ Positive differentiation from competitors
- ▶ Pointing out the company's social responsibility for climate protection based on the example of a specific product

Measures for reducing emissions

- ▶ Meeting the sustainability goals for limiting global warming under the Paris Climate Agreement is a far-reaching challenge that society and industry must address.
- ▶ For the year 2030, the European Commission has announced its intention to achieve a reduction in greenhouse gas emissions of at least 55 % relative to 1990 levels.
- ▶ Many industrial companies and suppliers have recognized the need for progressive change and have defined their own sustainability targets as well as surveying the carbon footprint of their own products.
- ▶ The Lankwitzer Group faces up to its responsibilities in this area. We are developing our own roadmaps to significantly reduce product-related emissions and emissions from our supply chain.



- ▶ The use of our innovative product ranges of **UV-curing and EvoKure coating systems** can significantly reduce these emissions at our customers' premises, for example, by eliminating the need for high-energy drying parameters.

