



Environmental » Emissions » Climate Footprint

VAUDE Climate Footprint

Since 2012, VAUDE and all products manufactured at the headquarters in Tettnang have been climate neutral. For the first time, we are expanding our climate footprint to include emissions from the VAUDE supply chain.

Climate-neutral at our headquarters since 2012

VAUDE wants to be a completely climate-neutral company. We have already achieved this at the company headquarters in Tettnang. The next milestone is the VAUDE climate targets for the ⓘ [supply chain](#). You can find more information and how ⓘ [climate neutrality](#) works [here](#) »

This page summarizes the most important key figures and correlations from our climate footprint assessment. The full document can be downloaded [here](#).

At the company headquarters in Tettnang, VAUDE has already been completely climate neutral since 2012 (Scopes 1, 2 and 3). The system boundary of our climate footprint has so far been the entire VAUDE operation in Tettnang.

In this sustainability report, we are also including upstream emissions from our ⓘ [supply chain](#) in the climate footprint for the first time.



» Climate neutrality is an important element in our overall commitment to sustainability. Our climate footprint helps us identify our reduction potential. «

Dr. Antje von Dewitz / Managing Director

Challenge Scope 3 emissions from the supply chain

At VAUDE, we have had ten years of experience with climate accounting and have now reached our next major milestone: we have finally created a reliable database in order to include not only all emissions "at home" at our company headquarters, but also the two largest emitters from the upstream ⓘ supply chain:

- › Materials from which VAUDE products are made.
- › Energy consumed in the production of the materials.

Why this is important is clear from the following graphic:

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By far the most emissions occur in the upstream supply chain due to the materials used and the energy consumed in to manufacture them. It is therefore clear that in the future, we will use our resources there to reduce emissions as far as possible.

Emissions from material consumption

All materials that VAUDE uses to make its products are a source of emissions during their extraction and refinement. How high these are in individual cases depends on quite a few factors, including which raw material is used and in which country the production of the material takes place. The country is important because the energy mix used to make the electricity the supplier is working with varies from country to country, and because energy from fossil fuels is one of the biggest drivers of emissions.

For textile materials, we have defined the system boundary for determining emissions from material consumption up to the point of yarn production; for hard plastic components we count up to the production of the polymer (granulate).

You can read about the materials VAUDE consumes and what we do to reduce emissions from them [here](#) »

Energy transition in the supply chain

In addition to material consumption, energy consumption in the processing of raw materials plays the major role in VAUDE's climate footprint. In the case of textile materials, this means the production of the textile surface; in the case of hard plastic components, injection molding or comparable manufacturing processes.

You can read [here](#) » how we are working on this challenging task of reducing emissions from energy consumption in the ⓘ [supply chain](#).

Total emissions reduced "at home" in Tett nang.

Overall, we were able to reduce emissions at the Tett nang site by eleven percent compared to 2019.

Total amount of emissions VAUDE Tett nang in tonnes of CO₂e

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As of 2019, we have slightly changed the methodology for determining emissions, as 2019 forms the base year for VAUDE's science-based climate targets and we have followed the current systematics of the [Green House Gas Protocol](#).

Some emission factors have changed over time, for example for flights. For the first time, we have also taken all packaging materials fully into account. Nevertheless, this graphic provides a good overview of the development of emissions at VAUDE in Tett nang.

In 2020, of course, the "Corona effect" also made itself felt: Lockdowns, production and delivery bottlenecks, many employees in home offices and hardly any business trips led to savings in energy and materials, and thus to fewer emissions.

Decoupling emissions from corporate success

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Distribution of VAUDE emissions VAUDE Tett nang in tonnes of CO₂e

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The biggest opportunities for reducing emissions are material consumption in our production facility. We want to exert even more influence here by increasing material efficiency, i.e. making better use of the material width for the individual cut parts, and by selecting more environmentally friendly materials. More about our Made in Germany production [here](#).

Emissions year-on-year in metric tonnes of ⓘ [CO₂e](#) (carbon dioxide equivalents) VAUDE Tett nang

More about our Made in Germany production [here](#) »

Emissions year-on-year in metric tonnes of CO₂e (carbon dioxide equivalents) VAUDE Tett nang

Emissions from business travel comprise emissions from company vehicles, air, rail and long-distance bus travel, and overnight hotel stays. We have included packaging in the climate footprint since 2019.

Emissions from business travel and commuting

At VAUDE, the areas of business travel and employee commuting regularly rank second in terms of emissions.

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Emissions from energy consumption

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What does packaging have to do with climate protection?

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Emissions from merchandise logistics

Here › you can find out more about the emissions caused by VAUDE from merchandise goods logistics.

Emissions according to scopes VAUDE total

Emissions by Scope VAUDE Headquarters/ Tett nang site

What are Scopes? An explanation can be found [here ›](#)

Climate Footprint using the Greenhouse Gas Protocol

Calculation of emissions follows these ⓘ [myclimate](#) principles:

- › ⓘ [Scope 3](#) emissions are shown in the climate footprint in the relevant categories as CO2 equivalents (Total ⓘ [Scope 3](#): 3,848 tCO2e).
- › All greenhouse gases are included in accordance with ⓘ [IPCC](#) in the climate footprint.
- › There are no biogenic ⓘ [Scope 3](#) emissions.
- › Emission categories/activities included: Business travel and overnight stays (without company fleet), logistics, material consumption for the VAUDE Manufaktur, fuel and energy related emissions (not included in ⓘ [Scope 1](#) c 2), commuting, consumables, electronics, production materials, deliveries, waste, wastewater, water and website (electricity external computer center).
- › The base year for ⓘ [GRI](#) reporting is 2014. (Starting balance for ⓘ [GRI](#) reporting). ⓘ [Scope 3](#) emissions rose in

due to a new calculation method and reporting by VAUDE's transporters, fell in 2016, rose slightly in 2017, fell sharply in 2018 and increased slightly by 2 % in 2019 due to logistics and because of the extensive recording of consumables. 2014: 3757 tCO₂e, 2015: 4491 tCO₂e, 2016: 4422 tCO₂e, 2017: 4522 tCO₂e, 2018: 3674t ⓘ [CO₂e](#), 2019: 3475 tCO₂e, 2020: 3,848 tCO₂e).

- › The basis is the Greenhouse Gas Protocol (WRI). If assumptions are made, they are listed in the source.
- › The source in almost all cases is ⓘ [ecoinvent](#) v3 (LCA database) with GWP: 100y from ⓘ [IPCC](#) (2013). Individual sources are each listed in the carbon footprint.

Consolidation approach of operational control (in accordance with ⓘ [WRI](#): GHG Protocol)

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UPDATE!

There is current information on this topic:

To the latest news - Sept. 30, 2021 [READ MORE ›](#)

GRI: 305-1

GRI: 305-2

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