



Giesecke+Devrient

G+D's Corporate Carbon Footprint 2019

Our Corporate Carbon Footprint 2019

As part of our commitment to sustainability, it is crucial that we monitor our corporate carbon emissions arising from our company activities. The responsible use of resources and protection of our climate and environment are core values of G+D's environmental strategy and is a key priority of G+D's CSR policy. Since 2009, we have been measuring our greenhouse gas performance in key areas of our business. We calculated our first global corporate carbon footprint for the year 2010. The CCF includes the carbon impacts from our global production operations, as well as for a wide range of our procurement materials. This has given us a sound basis for developing our carbon management strategy, and a baseline against which to measure our future performance.

G+D's CCF has been determined using a well-established web-based enterprise sustainability solution, under a consistent framework, automated conversion into carbon emissions using industry-accepted emission factors, and analysis and reporting in conformance to international standards such as the Greenhouse Gas Protocol. G+D's 2019 corporate carbon footprint is 347.303t of carbon dioxide equivalents (CO₂-e) using the market-based method. The combined 2019 Scope 1 (direct emissions at production sites) and Scope 2 (indirect emissions from purchased energy) emissions amount to 109.209t. Apart from Scope 1 + 2 emissions, we have also accounted for indirect emissions from our corporate value chain (Scope 3). These amounted to 238.094t of CO₂-e in 2019, the majority of which were associated with products and materials purchased by G+D.



We have also run a range of analytics including a breakup of emissions by site and emission-generating activity. These results have also been used to conform to the requirements of the Carbon Disclosure Project (CDP) Supply Chain Program, in which we participate on an annual basis. The CDP is by far the preeminent greenhouse gas reporting entity for companies.

In 2018, we calculated and adopted a Group-wide reduction goal for our greenhouse gas emissions, based on data from the business units. We aim to reduce our direct and indirect emissions (tCO₂) by 25% relative to sales by 2022. The base year for our calculations is 2016. As a Group, our aim is to reduce our emissions by 2022 to a level compatible with the two-degree limit set out in the Paris Agreement.

*Scope 2 calculation according to market-based method