

Quambio's 2023 CO₂e Emissions Assessment

Introduction

Quambio is a Swiss Environmental company founded in 2019. Our mission is to support a just climate transition, supported by all and executed for all. We help companies understand and reduce their emissions and evaluate the risk their businesses face in a changing climate. We also organize awareness events for corporate teams, including mobility challenges to help the staff understand the emission cost of commuting and of business trips. We are also very involved in climate financing, managing several impact investments and carbon offsetting projects. Our aim is always to raise awareness and promote personal actions. We engage directly with individuals via our mobility App. We work with companies to engage their employees. We work with systems such as mobility infrastructures to create systemic changes.

Nearly 65% of all emissions are linked to us, as individuals. We need to reduce our emissions by 50% to keep global temperatures from rising above 1.5°C above pre-industrial levels though. It is therefore simply impossible to meet the targets of the Paris agreement and the 2030 agenda without people's participation. We are also convinced that any successful solution will need the combined effort of the global community, not just those who live in wealthy economies. We therefore place a particular emphasis on projects aimed to impact and benefit the Global South directly, including its startup ecosystem.

We are not the first company to produce an emission statement and rejoice at seeing an increasing number of companies doing so. We are seeing very few companies going back through their history, however, and attempting to capture not only their current emissions but those their business created over time. We are in the current crisis not only because of our current activities, but also because of our past ones. We have decided to complete that exercise for our organization, to motivate others to do the same. We urge companies already assessing in real time to go backward. We urge those who have not assessed their emissions yet to start today. We present our results below. While we are still small, no contributions are insignificant.

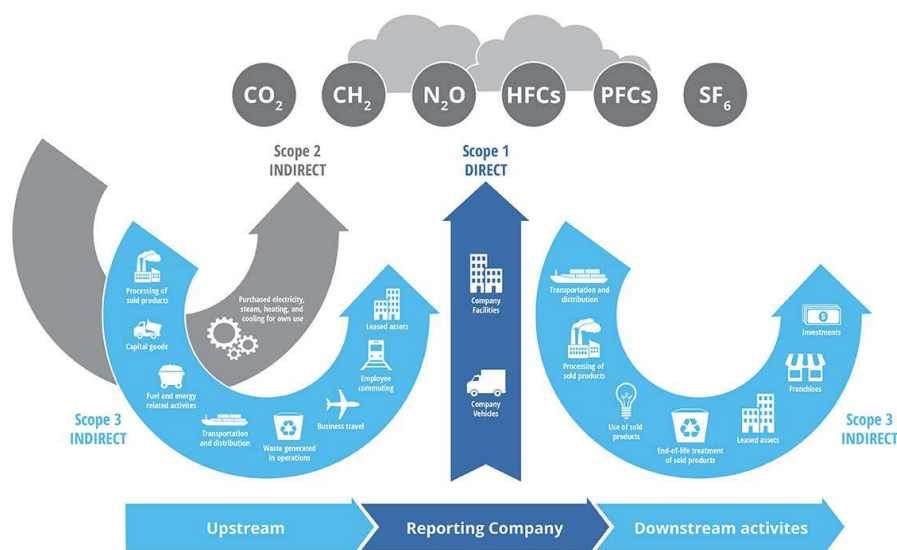
In the current report, we release the emission side of our balance sheet. We speak qualitatively about our positive impact, i.e., the reductions that our activities generate. We are working with many clients and partners to promote and reward personal actions. Our projects result in emission abatements, which is the heart of our business model. We will be quantifying our positive impact in greater detail in a future release of this report. Please reach out to us if you want more details or if

you want to partner with us in your efforts to measure and reduce your own emissions or those of your business.

Quambio’s Carbon Footprint

We track and measure our emissions following the principles of the GHG Accounting Framework and its Scope 1, 2 and 3 definitions. We apply the concepts of operational controls. Given the straightforward organizational nature of our business, other methods, such as financial control, would result in the same answer, however. Our accounting period extends from October 1st of each year to September 30th of the following one. We chose this time period to match the date of incorporation of the company, which is September 11th, 2019. We therefore have four full reporting years at our disposal at this point in the life of the company.

The GHG Accounting Framework is a widely recognized evaluation methodology that was developed more than two decades ago. More information can be found here: [Homepage | GHG Protocol](#). Any organization can leverage the protocol to evaluate its direct and indirect emissions in a consistent and reportable manner. We have successfully used the framework with countless clients in the past several years and found value not only in the numbers, but also in the opportunities the structure of framework provides to translate numbers into reduction activities. We invite anyone interested in hearing more to contact us directly. The exhibit below shows emission sources by Scope. Below, we apply the concepts to our own activities.



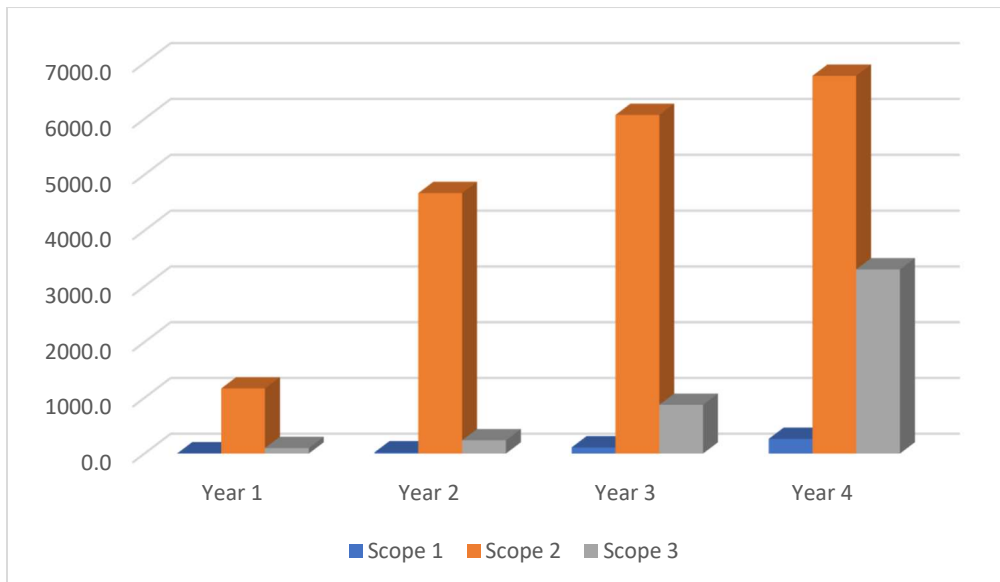
Scope 1 accounts for direct emissions from our operations. For larger companies, Scope1 comprises emissions linked to production facilities, company vehicles etc. In our case, none of this applies as we do not maintain physical facilities and do not have company vehicles. However, we do have virtual

facilities, which we define as our online presence, including our website, our social media platforms, and our communication facilities. We reflect the emissions linked to those platforms in our Scope 1 analysis.

Scope 2 is defined as the impact of indirect emissions due to powering devices and heating offices via external providers. This is relevant to us, even though we do not maintain company offices. Our employees and collaborators all work from home offices. We reflect power and heating emissions by accounting for the cost of home electricity and heating on a basis proportional to the contributing workload.

Scope 3 are all other indirect emissions, such as employees commutes and business trips. In our case, our commutes are very small as we work from home. We do meet as a team on a regular basis, however, which is being tracked and reflected under Scope 3. We also reflect business trips (visits to our clients), done exclusively by train. We reflect the corresponding emissions in our Scope 3 total. We also reflect in our Scope 3 total the energy cost of our servers, databases, our mobile App, and its usage as well as miscellaneous office equipment.

The exhibit below shows our emissions by Scope since inception, four years ago. Our emissions have increased each year since inception, largely because our team has been growing over time. Our data storage footprint has grown as well with an increased number of users and increasing complexities in our data structure. The significant increase in Scope 3 this past year is due to a corresponding increase in our data footprint. It is the result of a data initiative meant to help us store more detailed geolocation data, which in turns help us better validate the impact our users have when activating the App.





The overall emission totals remain small. Our annual emission total for the past 12 months is 10.3 TCO₂e. Since inception, we have produced just over 23.5 TCO₂e.

The Other Side of the Balance Sheet: Net Emissions Reductions

Because of the nature of our business, our emission reduction far outweighs our emission production. We have not yet fully quantified our positive impact, particularly looking backward over the four years of our history. We plan to do so in a follow-up update of this report, and certainly in advance of the next release in 2024.

Our impact starts with our original product, our mobile application. Emissions abatements linked to our App amount to more than 250 TCO₂e since inception. In just one project in June 2023, we abated more than 30 TCO₂e over a two-week period. The impact of that product, which is used by many companies to raise awareness among their staff and to incite actions in relation to commuting, already outweighs Quambio's emissions.

Our impact today also goes well beyond the App, however. In the past few months, we have initiated the execution of several impact projects that we expect to generate several thousand TCO₂e of abatement each year. We are investing in electric cooking facilities in Kenya for instance, affecting change for hundreds of families currently cooking with charcoal and wood. Beyond the environmental impact, we also see health benefits and reduction in supply costs for those involved in the program.

We are also investing in an infrastructure project in Rwanda, meant to ease the use of public transport in the Kigali region. The project was just recently initiated. The initial impacts are expected to come to bare in 2024.

In both cases, we affect changes for thousands to hundreds of thousands of people. Our efforts are monitored with detailed data, which will enable us to quantify the additivity of our impact. We are excited to see those projects grow and will speak more about them as they unfold (either in a further release of this report or via our other communication channels).

Please contact us if you want to learn more about our projects and if you would like to take part. We can be reached by phone or by email as follows:

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