

September 2022

STANTEC UK LTD

# CARBON REDUCTION STATEMENT

**Prepared by:**  
Stantec  
Buckingham Court  
Kingsmead Business Park  
High Wycombe  
HP11 1JU



# Carbon Reduction Plan

Supplier name: Stantec UK

Publication date: September 2022

## Commitment to Achieving Net Zero

Stantec is committed to achieving Net Zero.

We have a four-step plan that involves,

1. Reducing emissions according to our approved 1.5°C Science Based Target through the use of renewable energy and strategic business decisions
2. Achieving carbon neutrality by balancing our impact during the emissions reduction process through the purchase of high-value carbon credits
3. Transitioning towards net zero by 2030 through continuing to reduce our emissions while progressing from the use of carbon credits vendors to self-generating renewable energy or nature-based carbon reductions that would not happen without our investment
4. Achieving a science-based net zero by 2050

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	95
<b>Scope 2 (Market-based)</b>	855
<b>Scope 3</b>	0
<b>Upstream Distribution and Transportation</b>	As a professional service organization, our upstream transportation and distribution from suppliers is for primarily office suppliers and is nominal.
<b>Scope 3 Purchased Goods and services</b>	19
<b>Scope 3: Fuel and Energy related activities not in Scope 1 and 2.</b>	44

<b>Scope 3: Waste generated in operations</b>	0  Waste generation is not a relevant category for us because Stantec is a global professional services company, providing a broad range of services and solutions in project/program management, digital, technology, engineering, architecture, and design. Stantec operates from shared office spaces in leased buildings or home offices. Our waste generation is minimal and essentially office/kitchen wastes from employees that are collected and comingled with other tenants' wastes. Though we are unable to track our waste generation, Stantec does implement management systems and motivates employees to minimize waste generation on the location level and to recycle/compost all waste we can. For example, in the Netherlands we recycle or compost almost 70% of plastic, organic, paper, and residual waste with efforts underway to eventually eliminate all disposed waste.
<b>Scope 3: Business Travel</b>	1,614
<b>Scope 3: Employee commuting</b>	297*  *Emissions from employee commuting were calculated but not verified.
<b>Scope 3: Downstream Transportation and Distribution</b>	0  Downstream transportation and distribution is not a relevant category for us because Stantec is a global professional services company, providing a broad range of services and solutions in project/program management, digital, technology, engineering, architecture, and design. We are purposely a design consultant. We are not responsible for the procurement or purchasing of construction materials, this is typically the responsibility of another party (e.g. general contractor). Due to the nature of our business, we do not have downstream transportation and distribution requirements.
<b>Total Emissions</b>	2,924

## Current Emissions Reporting

<b>Reporting Year: 2021</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	416
<b>Scope 2 (Market-based)</b>	0  Our market-based Scope 2 emissions take into account the use of renewable energy. In the UK, this includes green tariffs from the utility companies, plus the purchase of Renewable Energy Guarantees of Origin (REGOs). This approach is compliant with the GHG Protocol and has been verified by our external auditor.
<b>Scope 3:</b>	0

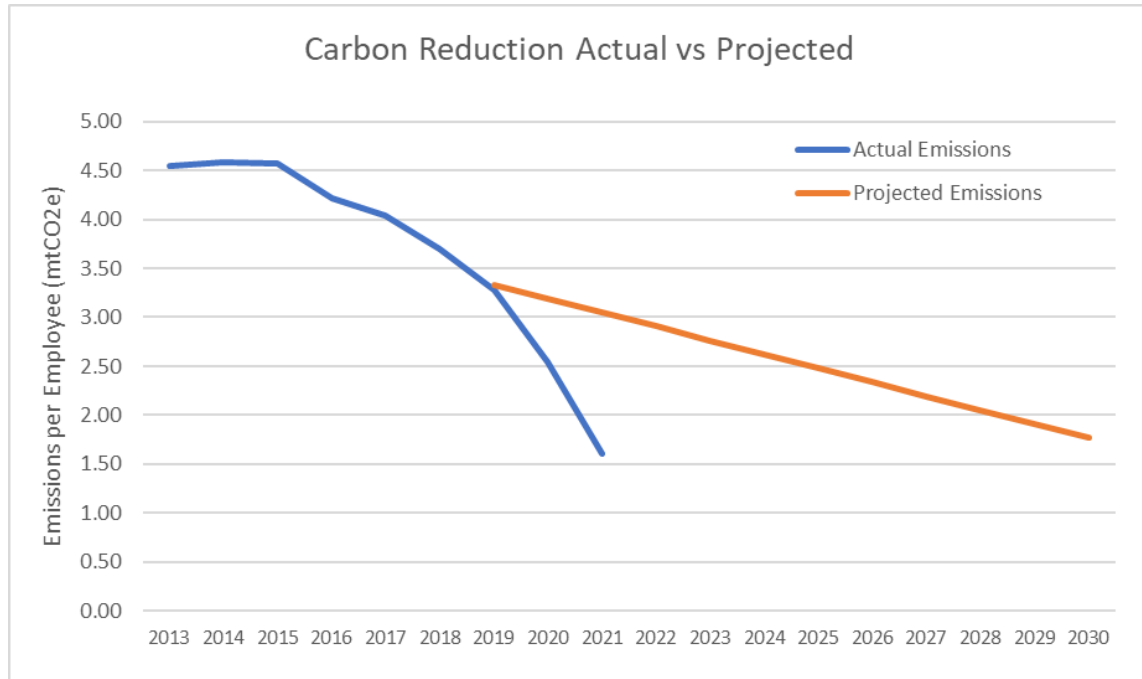
<b>Upstream Distribution and Transportation</b>	As a professional service organization, our upstream transportation and distribution from suppliers is for primarily office suppliers and is nominal.
<b>Scope 3: Purchased Goods and Services</b>	210
<b>Scope 3: Fuel and Energy related activities not in Scope 1 and 2.</b>	24
<b>Scope 3: Waste generated in operations</b>	0 Waste generation is not a relevant category for us because Stantec is a global professional services company, providing a broad range of services and solutions in project/program management, digital, technology, engineering, architecture, and design. Stantec operates from shared office spaces in leased buildings or home offices. Our waste generation is minimal and essentially office/kitchen wastes from employees that are collected and comingled with other tenants' wastes. Though we are unable to track our waste generation, Stantec does implement management systems and motivates employees to minimize waste generation on the location level and to recycle/compost all waste we can.
<b>Scope 3: Business Travel</b>	328
<b>Scope 3: Employee commuting</b>	89* *Emissions from employee commuting were calculated but not verified.
<b>Scope 3: Downstream Transportation and Distribution</b>	0 Downstream transportation and distribution is not a relevant category for us because Stantec is a global professional services company, providing a broad range of services and solutions in project/program management, digital, technology, engineering, architecture, and design. We are purposely a design consultant. We are not responsible for the procurement or purchasing of construction materials, this is typically the responsibility of another party (e.g. general contractor). Due to the nature of our business, we do not have downstream transportation and distribution requirements.
<b>Total Emissions</b>	1,067

## Emissions Reduction Targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.<sup>1</sup>

*We project that Stantec UK carbon emissions will decrease over the next 10 years to 1.77 tCO<sub>2</sub>e per employee by 2030. This is a reduction of 47%.*

Progress against these targets can be seen in the following graph:<sup>2</sup>



<sup>1</sup> At a global level, Stantec has validated our short-term emissions reduction target with the Science Based Target initiative.

<sup>2</sup> Please note in 2020 and 2021, the large fall in emissions observed above is due the impact of the COVID-19 pandemic. Our emissions fell sharply as a result of office closures and travel restrictions.

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

Stantec's commitment to sustainability is a key element of our strategic plan. We are committed to sustainability leadership in our operations and project work. In our markets, for our clients and throughout our Company, we advance initiatives that support a more sustainable world. Our sustainability commitments are embedded in the way we operate our Company and support our clients.

We have a long-term strategy in place that has seen continual reduction in carbon emissions. Our ability to continue this trajectory is delivered through our certified ISO14001-certified Environmental Management System (EMS).

All Stantec's sustainability disclosures are available at [www.stantec.com/sustainability](http://www.stantec.com/sustainability). Stantec discloses details of environmental management and projects, including projected emission reduction numbers, in our annual [CDP disclosures](#), (see section C4.3 for details on emission reduction initiatives).

The following environmental management measures and projects have been completed, implemented, or are ongoing since the 2019 baseline. As of year-end 2021, for the Stantec UK operations, the carbon emission reduction achieved by these schemes (using market-based Scope 2 emissions) equate to 1,857 mtCO<sub>2</sub>e, a 63% reduction against the 2019 baseline

We do recognize that results show us meeting our 2030 reduction target. While we are very proud of the progress made through our emission reduction actions, we note that a significant portion of our 2021 emissions reductions is a result of required COVID-19 pandemic lockdowns that remained in place for the majority of the year. For this reason, we do not consider this emissions reduction target as achieved because we believe our significant drop in 2021 is reflective of not only our emissions management strategies but also the external impacts of pandemic conditions. Our modelling projections indicate a rebound in emissions when staff return to the office in 2022 that will be tempered by Stantec's purposeful efforts to right-size our office space, move to energy-efficient alternatives, use renewable energy, and reduce our business travel, putting us on-track for long-term emissions reductions consistent with our emissions reduction targets. These emissions reduction activities will remain in effect when performing the contract.

### Energy

Buildings are Stantec's most significant consumer of energy, and energy used in our offices accounts for most of our emissions.

Reducing energy using traditional approaches is difficult because most offices are leased in multi-tenant buildings where the landlords control the interactions with utility companies and make the decisions on whether to build energy-efficient features.

Some strategies that Stantec implemented to overcome this challenge include:

*Office consolidation:* Our most effective strategy is to reduce the footprint of our Company—and therefore use less space and less energy—by consolidating our offices into fewer locations and relocating offices to more resource-efficient buildings. Stantec intends to reduce our existing global real estate footprint by 30% by the end of 2023.

*New office selection:* When co-locating or adding space, we use a real estate scorecard to make balanced business decisions, consider sustainability features and wellness criteria, and weigh factors such as cost, proximity to clients, security, employee commutes, access to public transportation, and walkability.

*Certifications and features:* We choose certified green buildings for our leased corporate facilities when possible and pursue interior design and construction certification using recognized green building and wellness standards.

*Interior design:* Once a location is selected, we improve floor plan efficiency and incorporate health and well-being into the design. We consider access to daylight, clean drinking water, acoustic control, indoor air quality, options for active workdays and collaboration, impacts on operational energy efficiency, and more. Whenever possible, the Real Estate team recommends pursuing space that has high quality interiors remaining to reduce costs and minimizes material use.

*Landlord collaboration:* We work with landlords of new and existing offices to reduce operational energy use and encourage upgrades like energy efficient lighting, lighting controls, and programmable thermostats.

*Equipment:* All standard workstation and laptop equipment are EPEAT (Electronic Product Environmental Assessment Tool)- certified and Energy Star-rated. We centrally track our IT energy use and have programs in place to minimize our impact. To save power, we automatically hibernate workstations and laptops when they are not in use. We have high density servers and disk configurations that use smaller spaces and less energy. And we decrease the number of devices in each office by using print management programs.

*IT data centres:* Our IT data centres and disaster recovery sites are co-located in spaces with efficient energy specifications and technologies. Network technologies reduce duplicated services and equipment. We use the Microsoft Azure cloud sustainability calculator to track the emissions impact of our cloud workload.

*Flexible working:* Remote working options conserve energy and fuel and, when employees can't get to the office, keeps our projects progressing and our people safe.

Stantec invests in connected networks and cloud storage. We use Microsoft Teams, allowing collaboration via conference calls, chats, and videos. Employees can easily work from any Stantec office or home, communicating in real time, sharing screens, instant messaging, and participating in video calls.

## **Fuel**

To be effective consultants, Stantec employees must travel to respond to clients' needs. But Stantec has introduced ways to travel more efficiently and reduce nonessential travel.

A level of management review results in fewer flights and distance travelled by rental vehicles, which reduces travel fuel use.

To mitigate the environmental impacts of our fleet, our Fleet Management team makes improvements to decrease vehicle emissions. We proactively share best practices that reduce fuel consumption and improve driving safety (e.g., no idling, maintain proper tire inflation, drive the speed limit). Each year, Stantec incorporates more fuel-efficient trucks, vans, and crossovers, thereby reducing overall emissions and maintenance costs, as well as improving employee safety.

We purchase hybrid and electric vehicles (EV) where possible and provide easy access to EV charging stations wherever we can. Stantec looks forward to the potential offered by new electric models in development so that we can further reduce our carbon footprint.

We also have several programs to minimize the impact of employee commutes. We provide incentives to public transport use and sustainable modes of travel. Our online Go Smart program suggests practical travel options to help employees plan journeys to work, client, and project sites.

## Additional Environmental Initiatives

Beyond carbon reductions, Stantec's EMS covers a variety of other environmental initiatives to reduce our resource footprint including:

### **Waste Management**

Stantec has programs in place to reduce our physical resource consumption.

Because of established recycling and conservation programs, employees reduce the amount of office materials—like paper, glass, cans, bottles, batteries, e-waste, printer ink, and plastic dishware—that enters waste streams.

Stantec implements various techniques to reduce paper use. Our Records Management Policy encourages electronic markup of documents and drawings as well as electronic management of employee files. Our corporate print vendor is certified 100% carbon neutral.

We set printer defaults to require a passcode to print to avoid unwanted printing. In addition, we set the defaults to double-sided, black-and-white printing and implement numerous behaviour-based print management programs.

Stantec promotes electronic distribution of Company materials. Company communications, marketing materials, client invoices and reports, proposals, and field reports and provides access to more than 6,000 technical journals in our eLibrary.

For the paper we do consume, we buy from centralized vendors so that we can standardize the purchase of environmentally friendly paper. Used paper is recycled.

We standardized our Dell, Microsoft, and Apple hardware; one reason for selecting them is their approach to life-cycle environmental management. Computers leased from and then returned to Dell at the end of the lease are reused, refurbished, or recycled. Plus, we use Firefly Asset Recovery to recycle mobile devices.

### **Furniture**

Our interior design guidelines recommend that we purchase responsibly sourced furniture. Modular furniture is easily rearranged or moved between offices when employee numbers or office layouts change. When consolidating offices, Stantec reuses, donates, and recycles unused furniture as much as possible. Promotional materials and stationery For Stantec's internal Company store, we try to find store merchandise that is sourced in an environmentally and socially responsible manner.

### **Water Management**

As a professional services firm working primarily in leased office space, water use is typically kitchen and bathroom use, shared with other tenants, and controlled by the landlord.



Even so, Stantec does work to conserve water and we take measures to voluntarily conserve water in our offices.

## Measure Verification and Reporting

Stantec's annual Global Reporting Initiative (GRI)-compliant [Sustainability Report](#) summarises our progress against sustainability commitments, as well as our support of the United Nations Global Compact and Sustainable Development Goals. Annually, Stantec verifies our emissions against ISO 14064 for our [UK](#) and [global](#) operations.

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard<sup>3</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>4</sup>.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard<sup>5</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of the Supplier:



Carrie Sabin  
Vice President, Corporate Sustainability

Date: September 21, 2022

---

<sup>3</sup> <https://ghgprotocol.org/corporate-standard>

<sup>4</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

<sup>5</sup> <https://ghgprotocol.org/standards/scope-3-standard>