

Management Approach: Emissions Management

Stantec reports and validates greenhouse gas (GHG) emissions for all three scopes, has a validated science-based target (SBT), and maintains an aggressive emissions reduction program to achieve our operational net zero commitment. For our clients, subject matter expertise across our business helps us minimize the emissions of the projects we design.

Commitments and Practices

For more than a decade, Stantec has focused on reducing operational emissions. After meeting previous reduction goals, we set near-term SBTs aligned with the most ambitious goal of the Paris Agreement, a 1.5°C trajectory.¹

Stantec's validated, near-term SBTs are as follows:

SBT1: Stantec Inc. commits to reduce absolute scope 1 and 2 GHG emissions 47% by 2030 from a 2019 base year.²

SBT2: Stantec Inc. also commits to reduce absolute scope 3 GHG emissions from business travel by 47% within the same time frame.³

Stantec has committed to achieve operational net zero and actively participates in the Canada [Net Zero Challenge](#).

In Our Operations

Stantec has measured, managed, and analyzed our operational carbon footprint since 2010.

Stantec scope breakdowns are as follows:

- x Scope 1: Direct energy sources
 - o Natural gas, fuel oil, and propane for office energy (for all buildings we occupy, whether leased or owned)
 - o Gasoline and diesel fuel (for owned or leased fleet and heavy equipment)
- x Scope 2: Indirect energy sources (both location-based and market-based)
 - o Electricity for office energy (for all buildings we occupy, whether leased or owned)
 - o Electricity for electric vehicles (for owned or leased fleet)
- x Scope 3: Other emission sources
 - o Category 1: Purchased goods and services (computers, furniture, mobile phones, paper, native plant nursery fertilizer)
 - o Category 3: Energy not included in scope 1 or 2 (line loss: electricity lost)

To reduce our reported market-based Scope 2 emissions, Stantec utilizes renewable energy. This is done through self-generation (such as solar panels on our offices), green tariffs (purchased from utility providers), and energy attribute certificates (such as RECs, iRECs, GOs, REGOs purchased from a central broker). The specific details

In North America, we are involved with the [AIA 2030 Commitment](#) (by 2030, design of new buildings and major renovations will be carbon neutral) and are participating in the [SE2050 Challenge](#) (reducing embodied carbon through less impactful structural materials).

Stantec also invests in technology to support emissions reductions. We partner with [BlueSky Resources](#) (to further the development and use of remote sensing to produce near real-time emission and air pollutant data tracking) and carbon removal startup [Capture6](#) (to explore technology that integrates decarbonization and brine management solutions). Stantec's Innovation Office has produced a variety of relevant [digital solutions](#).

With Our Supply Chain

Stantec requires that our vendors provide activity data so that we can calculate and report Stantec's operational emissions. Through our [Partner Code of Business Conduct](#), we share the expectation that our suppliers and partners reduce their own operational emissions.

Accountability

To guide our operational emissions management program and assess our emissions reduction performance, Stantec links executive pay to ESG progress. Achievement of our near-term SBT and accomplishment of our carbon neutral pledge are stated compensation key performance indicators (KPI).

Stantec's syndicated senior credit facility, which is structured as a sustainability-linked loan, adds further accountability with one of our KPIs including achievement of our near-term SBTs.

Additionally, Stantec annually submits to CDP (formerly the Carbon Disclosure Project) for an evaluation of the quality of our climate strategy and emissions management programs. We have been recognized as Climate Leaders (with an A- score) for the past six years.

Material Topic / Value Chain Nodes Covered :

Emissions Management / Operations, Downstream (Clients), Upstream (Supply Chain)

See all [Stantec Management Approaches](#)