



Management Approach: Emissions Management

Stantec has measured, managed, and analyzed our operational carbon footprint since 2010. We track energy usage for all buildings we occupy (whether leased or owned), vehicle travel, airline travel, and paper use. We calculate associated greenhouse gas emissions and energy use following the GHG Protocol.

On average, Stantec occupies 350+ offices in 19 countries, covering approximately 6 million square feet (half a million square metres). The space we need must be adaptable, so we lease space primarily in multi-tenant buildings. But this means that separate metering is rarely available and utility costs are wrapped into lease costs, making it complicated to collect activity data and measure, manage, and mitigate our energy consumption.

To address this, we collect utility usage data from the landlords of our largest offices and use industry-recognized intensity factors in our calculations. Our eco-footprint database centrally tracks information on our global real estate to improve overall accuracy, provide consistency, and reduce the need to extrapolate.

Scope Definitions

Our scope breakdown is as follows:

- Scope 1: Direct energy sources (gasoline and diesel for fleet fuel and natural gas, fuel oil and propane for office energy)
- Scope 2: Indirect energy sources (electricity for office energy)
- Scope 3: Other emission sources (air travel, rental cars, work-related personal cars, line loss¹, and paper use)

Stantec’s strategy of growth through acquisitions means we regularly add new staff and offices to our footprint; therefore, absolute emissions and energy consumption continually increase. To measure the success of our conservation measures, we normalize emissions and energy consumption use by employee.

Emissions Reduction Strategy

Stantec’s emissions reduction goals are noted below.

SCOPE	REDUCTION TARGET	BASELINE YEAR	TARGET YEAR
Scope 1 and 2	40%	2013	2028
Scope 3	20%	2018	2028

We have committed to setting a 1.5°C Science-based Target that will replace the above reduction goals.

We meet our goals by following best practices for energy conservation and further reduce our Company’s emissions in four ways:

- Consolidating offices into energy-efficient spaces
- Reducing travel
- Greening our vehicle fleet
- Enhancing print management

Our emissions reduction strategy has been formally integrated into our 14001-certified Environmental Management System and is directly connected to our business efficiency and innovation strategies.

See Also

Management Approaches

- [Environmental Management](#)
- [Resource Conservation](#)

¹ Line loss: Loss of electricity in transmission between the source of supply and point of distribution to the consumer.