



**foresight**

MANAGEMENT

## Greenhouse Gas Data Collection

### WHY

Greenhouse gas emissions reporting and regulations are imminent to reach our global carbon reduction goals. The first step in reducing your greenhouse gas emissions is to measure them. Scope 1 and 2 greenhouse gas emissions collection requires a diligent, educated approach to aggregating and analyzing data from various sources. The growing demand for accurate, reliable reporting means your team might need additional expertise in carbon data collection.

### DON'T TAKE OUR WORD FOR IT...

**GREENHOUSE GAS PROTOCOL STANDARD**

### HOW

At Foresight, we developed an approach to collecting GHG emissions data to ensure the utmost relevance, completeness, consistency, transparency, and accuracy. We follow the Greenhouse Gas Protocol set by the World Resource Institute (WRI) - the gold standard for carbon data quality. Our team of experts will assess your existing data streams and come alongside your team to determine what data is missing or incomplete. To avoid under-reporting your greenhouse gas emissions, you must fill data gaps either by finding physical data associated with an emissions generating source, or making proper conservative estimates. While certain data will naturally be collected monthly (like utility data), other information requires quarterly or annual collection. Our team will create and implement a strategy to accurately gather, aggregate, and analyze all of your Scope 1 and 2 emissions. At the end of the year, we will provide a report to share with your stakeholders and use in a corporate reporting framework.

### BENEFITS

- Clear strategy for collecting Scope 1 and 2 data
- Accessible, reliable, structured, and auditable data
- Expert carbon emissions data specialists
- Simplified reporting to CDP, TCFD, Resource Advisor, Watershed, Net Zero Cloud
- Transparent process with evident growth opportunities

## CASE STUDY

### *Client Profile*

Global, consumer facing manufacturing company

### *Before Foresight*

While this company was tracking utility data from a cost and accounting standpoint, they were not calculating or strategizing its greenhouse gas emissions. As a global, publicly-traded company, they were receiving pressure from multiple stakeholders to begin tracking and reporting on their greenhouse gas emissions, and they understood that mandated reporting was imminent. However, they needed a mechanism for calculating and analyzing their emissions data.

### *After Foresight*

Foresight began by collecting their utility data in the Foresight Management Dashboard, streamlining and automating data aggregation from its facilities worldwide. Using the WRI GHG Accounting Protocol, our team customized their emissions coefficients, set baselines, and evaluated reductions over time. Along with its monthly utility reports, this company receives a detailed report on its greenhouse gas emissions. With all the information easily accessible and in one place, this verifiable data can be used to voluntarily disclose to surveys such as the CDP and Science Based Targets (SBTi) or respond to stakeholder requests for transparency. This company began with its US-based facilities and is growing to include greenhouse gas data collection for all its manufacturing and retail facilities worldwide. Streamlining their process unlocked their ability to calculate their greenhouse gas emissions at scale, creating immense opportunities to become sustainability leaders in their industry.

## FREQUENTLY ASKED QUESTIONS

### *What fuel types do Scope 1 and 2 emissions include?*

Electricity, natural gas, propane, LPG, gasoline, diesel, biofuels, refrigerants

### *How is the fuel data collected?*

We work with your team to obtain log-in information for utility data, including electricity and natural gas. For all other fuel data, we work with your team to create a process that includes Foresight receiving a copy of the fuel invoice to generate the fuel inventory on your behalf.

### *What if you lease a building?*

Foresight works with your team to define and document all assumptions, including how to allocate energy consumption in leased spaces. We document the approach, methodology, and assumptions in an Inventory Quality Management Plan.

### *How do you calculate our carbon emissions from utility data?*

We adhere to the WRI GHG Accounting Protocol. Our team will set coefficients for your various energy streams and calculate monthly emissions metrics.



To learn more about how your business could benefit from Greenhouse Gas Data Collection, contact:

Wendy Schlett, Managing Director • wendy@fsmgmt.co 248 410 0634 fsmgmt.co