



# Carbon Accounting and Management

**NO MATTER YOUR LEVEL OF CLIMATE ACTION MATURITY, OUR EXPERTS OFFER A BROAD RANGE OF INNOVATIVE SOLUTIONS TO HELP YOU ACHIEVE YOUR NET ZERO GOALS.**

## UNDERSTANDING THE DRIVERS

Addressing greenhouse gas (GHG) emissions has never been more pressing. Driven by public policy, investors, and stakeholders, net zero goals are becoming more commonplace in corporate decision making. Transparency around GHG emissions helps build trust with stakeholders and often aligns with corporate environmental, social, and governance (ESG) programming. Understanding the cost of carbon, funding opportunities, feasibility, and the economical impacts of strategies helps to drive from transition planning to implementation.

Today, actioning goes beyond traditional engineered solutions. Nature-based, technology, and community focused solutions are needed to support the transition towards a low carbon economy.

## MEASURING AND ACTIONING SCOPE EMISSIONS

### Scope 1

#### **Direct emission controlled by the operation (building, transportation)**

Action: Assess and prioritize current and forecasted GHG emissions, conduct cost to benefit analysis, and develop a road map for emissions reductions.

### Scope 2

#### **Indirect emissions resulting from the purchase of energy (electric, gas, etc.)**

Action: Conduct energy audits to identify energy conservation measures (ECMs) and determine the sustainable return on investment.

### Scope 3

#### **Indirect emissions that are part of the value chain (not including scope 2)**

Action: Develop GHG emissions reporting for facilities following relevant frameworks and best practices. Evaluate influence over scope 3 emissions and action via procurement policy. Evaluate potential for offsetting and insetting.

## GHG SERVICES

### Inventories and Carbon Footprint

- Carbon footprint emissions inventory
- GHG emissions inventory for regulatory or corporate reporting and other environmental metrics
- Life Cycle Assessments
- GHG emission reductions for offset projects
- Carbon Index

### Verification and Audits

- GHG emission / carbon footprint verification for facilities, corporations, offsets and projects
- Stantec Consulting Ltd. is accredited to the ISO 14065 standard and follows the ISO 14064 standards for quantification and verification

### Integrated Implementation

- Dynamic funding and incentive strategies
- Carbon funding and technical solutions
- End-to-end advisory and implementation services

### Towards Net Zero

- Target setting and roadmaps
- Best Available Technology review and lifecycle assessments
- Energy transition plans
- Climate action plans
- Energy modeling and auditing
- Project economics, including cost of carbon
- Energy transition strategies

## ACTIONABLE STEPS



### ROADMAP INTEGRATED APPROACH HELPS CITY ADDRESS THEIR CLIMATE LEADERSHIP PLAN *Victoria, British Columbia*

Working with the City of Victoria, we led multiple integrated GHG services to help the city prioritize and manage their Climate Action Plan.

[Learn more](#)

### RETURN ON INVESTMENT IDENTIFYING EMISSIONS REDUCTION OPPORTUNITIES DRIVES COST SAVINGS *Confidential Chemical Manufacturer, United States*

Working with a chemical manufacturer, our feasibility analyses identified energy conservation measures, allowing the company to realize payback within three months.

### IMPLEMENTATION TAKING AN ALREADY SUSTAINABLE HEADQUARTERS TO THE NEXT LEVEL *Perth, Australia*

To align with the clients energy and sustainability goals, we designed and implemented a solar photovoltaic system to maximize their return on investment.

[Learn more](#)



## RELATED ITEMS

[Does your company understand the risks of not transitioning to a low carbon economy](#)

[5 reasons why your company should address greenhouse gas emissions](#)

[A call for a global carbon offset banding system](#)

[Passports to a net zero carbon future](#)

## CONTACT US

Contact one of our GHG specialists today.

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## CONNECT WITH US



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