

Greenhouse Gas (GHG) and Climate Change Consulting and Verification



What does Cap and Trade mean for my business?

Cap and Trade is intended to provide a slower transition to a low carbon economy for medium and large emitters. For facilities that emit greenhouse gas (GHG) above the voluntary participation threshold, opting into the Cap and Trade can have significant financial benefits. Small emitters and individuals face the full brunt of a low carbon economy. Small business may find opportunities over a number of funding programs to assist in the transition.

How do we prepare for policy changes?

It starts with finding a consultant that understands the policies, can analyze your risks and develop a GHG strategy. Companies need to understand their environmental liabilities but also understand how to turn these into opportunities.

Our Atmospheric Science professionals have a proven record of delivering services for all your climate change needs. With worldwide experience, we are experts in the latest regulatory and permitting compliance including GHG reporting and Cap and Trade support.

What is verification?

Verification is an independent third party review that regulators and stakeholders rely on. Most programs require that verification is completed by an ISO 14065 accredited verification body. A verification will consist of reviewing supporting documents and evidence to form an opinion as to whether an emissions report is fair and accurate and supported by sufficient evidence. The verification body maintains its independence by identifying errors and deviations from the criteria but cannot consult on how to correct the deviation.

Stantec is accredited to ISO 14065 and has performed hundreds of verifications across regulatory and voluntary programs and a variety of sectors.

GHG Validation and Verification Services:

- Organization and facility verifications
- Carbon reduction projects validation or verification
- Cap & trade preparation and support
- Verification of environmental performance metrics

Services provided through Stantec:

- Strategic GHG Management Advice
- GHG Inventories and Reporting
- Carbon Footprinting
- Carbon Markets and Offsets
- Climate Action Planning
- Climate Change Adaptation and Mitigation
- Climate Resilience
- Corporate Social Responsibility
- Supply Chain Social Responsibility

Our Multi-Disciplined Team and How We Can Support You

With increasing complexity of climate change policies, our GHG engineers and scientists provide extensive experience on environmental, financial, and managerial know-how to make climate change strategies a success.

- We can quantify, report and document GHG emission inventories, verify emission inventories, and validate or verify GHG emission reductions
- We can act as a technical resource when implementing a project that reduces GHG emissions
- We can help navigate ISO standards, relevant regulatory guidance, and GHG registry protocols
- We can provide strategy to avoid risks and recognize opportunities

Connect with us

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