



High Quality GHG Inventories

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What is a Greenhouse Gas (GHG) Inventory?

- The first step to managing and reducing GHG emissions.
- A quantified list of a body's GHG emissions and sources:
 - An example of a business can be a corporation, municipality, or an individual
 - A GHG: a gaseous constituent of the atmosphere, both natural and anthropogenic, that absorbs and emits solar radiation. The main GHGs as listed in the Kyoto Protocol are:

carbon dioxide (CO ₂)	perfluorocarbons (PFCs)
methane (CH ₄)	sulphur hexafluoride (SF ₆)
nitrous oxide (N ₂ O)	nitrogen trifluoride (NF ₃)
hydrofluorocarbons (HFCs)	



Benefits of Conducting a GHG Inventory

- 1** A GHG inventory represents a true and fair account of a company's emissions, demonstrating a company's transparency and consistency in GHG accounting.
- 2** With national policies introducing emissions trading programs, voluntary programs, carbon or energy taxes, and regulations and standards on energy efficiency and emissions, there is a necessity to understand and manage GHG risk, which starts with GHG inventory quantification.
- 3** Allow for participation in GHG markets (i.e., carbon credits)

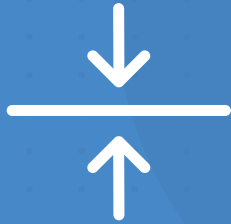




How our Clients use GHG Inventories

- Managing GHG risks and identifying reduction opportunities
- Public reporting and participation in voluntary GHG programs
- Participating in mandatory reporting programs
- Participating in GHG markets
- Recognition for early voluntary action

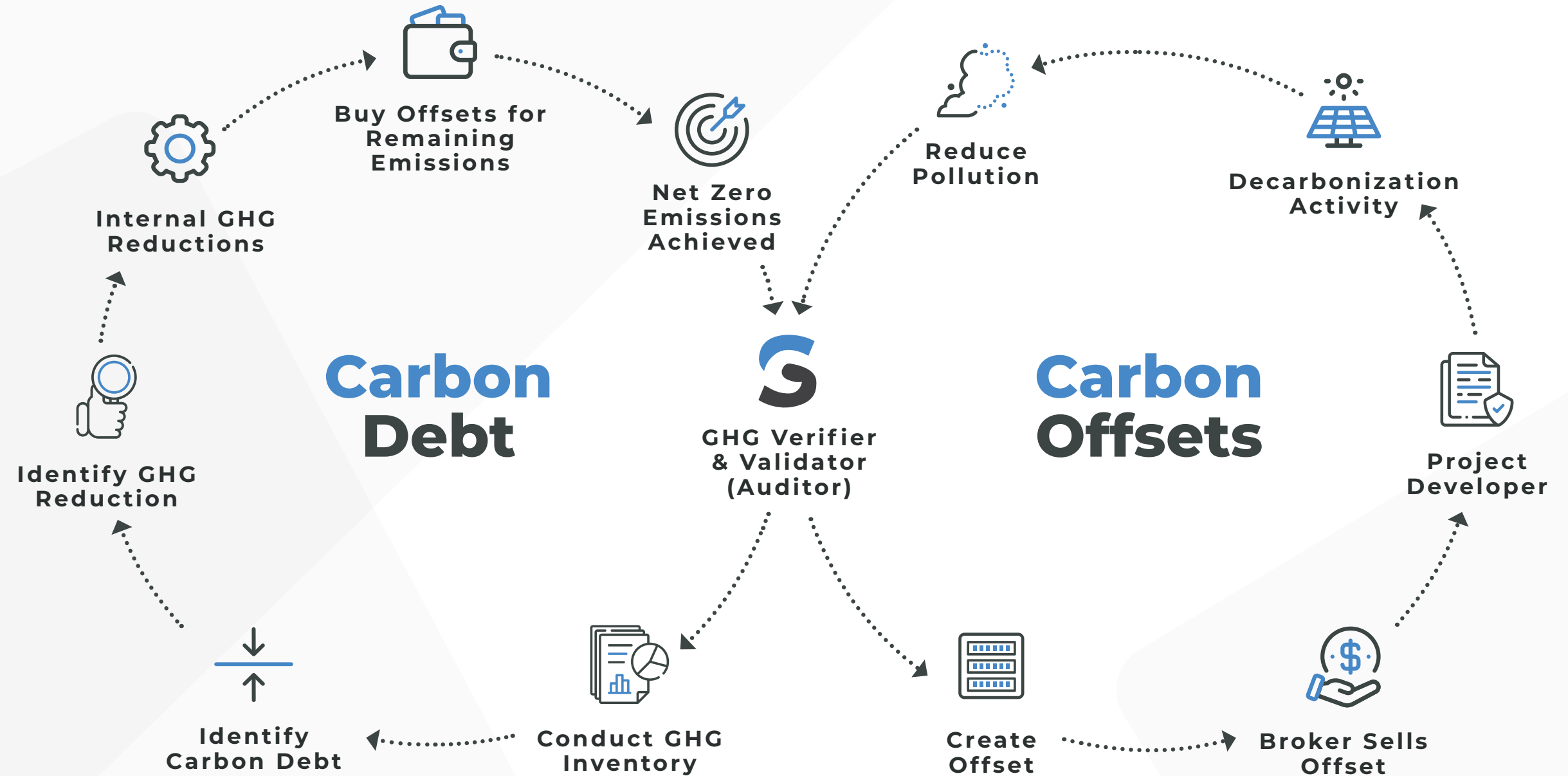




Establishing your Baseline

A baseline scenario is the hypothetical scenario, or quantitative reference(s), of GHG emissions and/or GHG removals that would have occurred in the absence of a GHG projects/activity and is used for comparison with project GHG emissions and/or removals. The project reduction is calculated as the difference between the baseline and project emissions.







Our Approach to your GHG Inventory

(What you can expect from Standard Carbon)

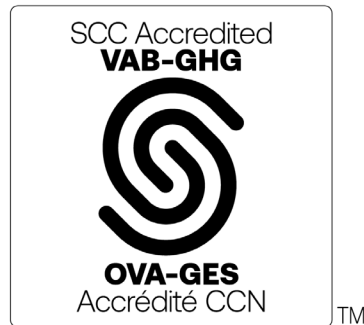
- 1** Start by reviewing applicable accounting standards and methods, determining organizational and operational boundaries, and choosing a base year.
- 2** Collect data and quantify GHG emissions.
- 3** Develop a GHG Inventory Management Plan to formalize data collection procedures.
- 4** Set a GHG emission reduction target (optional) and track and report progress.



Accredited Validation & Verification Body

ISO 14065:2020 STANDARD

Standard Carbon Inc. (Standard Carbon) is accredited under ISO 14065 by the Standards Council of Canada (SCC), a member and signatory of the International Accreditation Forum (IAF). The SCC Greenhouse Gas Accreditation allows Standard Carbon to complete validations and verifications of GHG statements related to GHG inventories, GHG projects, and carbon footprints of products in accordance with ISO 14064-3.



The SCC Accreditation Symbol is an official symbol of the Standards Council of Canada, used under licence.



Ready to Get Started?

Contact Us!

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