



Conestoga-Rovers & Associates **Project Summary**

KEY PROJECT ELEMENTS

- **Developing a Strategy**
- **Scoping the Carbon Accounting System**
- **Applying the Greenhouse Gas Protocol for Organizations**
- **Estimating the Value Chain Carbon Footprint**
- **Developing a Presentation of the Draft Strategy**

DEVELOPMENT OF A CARBON ACCOUNTING STRATEGY SWITZERLAND

CRA has worked with the corporate sustainability team of a global manufacturing company based in Switzerland to develop an outline strategy for a carbon accounting and reporting program. The organization, which manufactures products for distribution to the retail sector, already has a comprehensive corporate social responsibility (CSR) and corporate reporting program, but is considering the extent to which it should account for greenhouse gas emissions (as carbon) in its supply chain.

CRA staff joined the client's own CSR staff to provide specialist technical support and facilitate the development of the draft strategy for a carbon accounting program.

Using the Greenhouse Gas Protocol for Organizations, the emission sources in the company's value chain model were identified for:

- Scope 1: direct emissions from controlled sources
- Scope 2: indirect emissions from purchased electricity
- Scope 3: other indirect emissions in the supply chain

An estimate was made of the scale of emissions from each component in the value chain to identify priorities for data collection and to provide a framework for the recommended scope of the carbon accounting initiative.

The exercise addressed direct and indirect emissions from the company's own manufacturing, distribution, and ancillary activities, as well as indirect emissions from suppliers, retailers, and their distribution chains.

A presentation to senior management explained the generic and sector-specific drivers for addressing greenhouse gas emissions and outlined a proposed way forward for the company. It provided an overview of the scope of the proposed accounting system and demonstrated the potential benefits of associated resource efficiency initiatives and the potential for strengthening investor relations. It also made recommendations for participating in the Carbon Disclosure Project.

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