



i:EnviroCalc

Proactive management of your organization's environmental footprint not only helps the environment, it can increase efficiency of operations, enhance your reputation for corporate responsibility and clearly position you as supplier and employer of choice.



eSolutionsGroup's i:EnviroCalc is customized to your industry and business needs. It simplifies analysis, management and reporting of your environmental footprint, turning complex and time-consuming calculations into easy-to-read reports at the corporate, division or facility level.

Co-develop to Your Industry Specifications

Develop and weight Key Performance Indicators specific to your industry, leveraging Conestoga-Rovers & Associates and its more than 30 years of comprehensive engineering, environmental consulting, construction, and IT experience. Tailor reports to your requirements including air emissions, biodiversity, compliance, energy, greenhouse gases, raw materials, transportation, waste management, and water management.

Build Your Business Needs

Calculate, monitor, report and promote your Environmental Footprint at the corporate, division or facility level.

Easily Calculate Carbon Footprints

Once configured to match your business sector, you can calculate your carbon footprint by selecting a report from the Calculator's drop-down menu.

Manage and Enhance Your Corporate Reputation

Reports, including textual, tabular, and graphical data and illustrations make it easy to promote your results. Incorporate reports into customer or employee communications, on your website, or industry and association communications and events to build your reputation for corporate responsibility.

Inventory, Assess and Address

The Environmental Footprint Calculator can be a core component of tracking your Sustainability Program. The calculations can be used for policy development, environmental footprint inventory and analysis, and completion of a greenhouse gas/carbon footprint and energy reduction and efficiency plan. (see reverse).



About eSolutionsGroup Ltd. we unite innovative, web-based technologies with creative and consulting services to help businesses grow. Together, we build marketing and communication strategies for customers across North America. Then eSolutionsGroup turns those strategies into concrete results through custom applications, technology and data services, and award-winning website, interactive multimedia and print design.

Contact eSolutionsGroup to arrange a demonstration today.

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Driven by regulatory requirements and investor interest, the pace of Sustainability change in businesses has increased dramatically in recent years; a trend that will continue and accelerate. Conestoga-Rovers & Associates (CRA) works in partnership with its customers to develop Sustainability Programs that meet the needs of tomorrow, today.

The CRA Approach

1. Draft a Sustainability Policy
2. Develop a data collection system and inventory management plan
3. Complete a baseline assessment of Key Performance Indicators (KPIs) to determine significant potential sources of environmental impact
4. Develop a customized Environmental Footprint Calculator (i:EnviroCalc) for client-specific operations, data inventory, analysis and reporting
5. Analyze the data and determine an environmental footprint management strategy
6. Develop the client's Environmental Sustainability report
7. Provide additional assistance with specific Environmental Footprint reduction activities

1) Draft a Sustainability Policy

Based on discussions with the client, CRA will draft a sustainability policy, inclusive of draft objectives, targets, and metrics. Included are:

Objectives: Clearly state the purpose of the sustainability program and identify what the client wants to achieve overall.

Targets: Set preliminary targets to "establish baseline GHG data at all facilities", or to "review and evaluate the energy efficiency of client's facilities", etc. This will allow the client to review the data from individual facilities, and each sector, prior to developing concrete reductions in subsequent Corporate Responsibility Reports.

Metrics: Develop a framework for implementing a sustainability plan. CRA will review available standards and will develop a list of core KPIs, specific to your industry, for implementing the sustainability program. Some of these available standards and guidelines include:

- Global Reporting Initiative Sustainability Reporting Guidelines
- World Resources Institute (WRI) Greenhouse Gas Protocol
- Intergovernmental Panel on Climate Change (IPCC) – 2006 IPCC Guidelines for National Greenhouse Gas Inventories
- International Standard ISO 14064 Greenhouse Gases – Guidelines
- United States Environmental Protection Agency (USEPA) Climate Leaders Program and
- Many others depending on the needs of clients.

2) Develop a Data Collection System and Management Plan

CRA will review specific day-to-day operations for environmental impact (i.e., process operations, business travel, maintenance equipment, etc.) and a tailored data collection system and inventory management plan to compile the input data.

3) Complete a Baseline Assessment

Based on the selected KPIs, CRA will provide a standardized questionnaire, customized to reflect the specific nature of the client's operations, to collect data for the calculations. Client reviews at this stage include the data collection process, calculation methodologies, and reporting formats.

4) Develop a Customized Environmental Footprint Calculator

The calculator features continually-updated data built-in for real-time assessment of different options and future initiatives. Additional reporting options available include comparison at the company or facility level against previous inputs, and against country-specific or international benchmarks.

5) Data Analysis

CRA analyzes data collected from the reporting facilities to look for means of reducing the clients' environmental footprint and identifies trends throughout each sector to identify facilities that excel in environmental performance, so their insights can be passed on to other facilities, and to identify facilities where improvements would be appropriate.

6) Environmental Sustainability Report

Following a detailed analysis of the data, CRA will develop a plan to improve the client's Environmental Footprint at the (a) facility, (b) sector, and (c) corporate levels.

Facility and sector reports identify the major sources of environmental impacts, and means for reducing or mitigating adverse impacts in the future. The reports include information on capital and operating costs and timing for improvements, areas where positive initiatives have been implemented to improve energy efficiency and reduce environmental impacts, and where improvement is required. Also included is information regarding return on investment (ROI) and payback period.

The corporate report will identify the reporting boundaries, improvements that the client has recently implemented, the client's objectives and targets, and key initiatives to improve energy efficiency and to reduce future environmental impacts. The corporate report effectively communicates the client's plan to various stakeholders if the client chooses to publicize the results.

About CRA

Conestoga-Rovers & Associates is a family of companies that provides multi-disciplinary engineering, environmental, construction, and IT services. CRA has been involved in some of the largest environmental remediation projects in North America, from the Love Canal project in Niagara Falls, New York in the late 1970s, to the more recent Sydney Tar Ponds project in Sydney, Nova Scotia. Since 1976, the firm has grown to over 90 offices and more than 2,800 people working on projects around the world.

Contact CRA to find out how we can help with your Sustainability Program.

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