

Case Study: Carbon Inventory - Measuring & Engaging

“Thanks to Carbon Foresight we now have a handle on our carbon footprint and are engaging our people in our sustainability goals and programs.”

- VP Real Estate, MaRS

The MaRS Centre, a state-of-the-art 700,000 square foot innovation centre in downtown Toronto, is the gateway to Canada's largest concentration of scientific research, anchored by major teaching hospitals, the University of Toronto and more than two dozen affiliated research institutes. With its focus on building the next generation of technology companies, MaRS wanted to get a better sense of its operational carbon footprint and actively engage its tenants in its sustainability goals.



Challenge: MaRS needed to quickly, economically, and accurately measure their carbon emissions, while implementing a repeatable process and system to track and manage emissions on an ongoing basis. They also needed a methodology and a tool to actively engage their 70+ tenants in understanding their own environmental impact and partnering to reduce those emissions.

Approach: Implement the Carbon Foresight Greenhouse Gas Inventory methodology and leverage a fully hosted web-based carbon emission management system (calculator).

Results: The calculator was successfully deployed to reflect the needs of MaRS and included a custom organizational structure, local emissions factors, custom emissions sources, and branding. The solution provided a simple, intuitive interface that allowed for decentralized tenant input of data and robust reporting. The calculator is fast becoming the MaRS' standard for inputting and analyzing emissions data across their tenants. This inventory process is now the foundation for establishing GHG emissions measurement and formulating reduction initiatives.

Timeline: The solution was implemented in 12 weeks.



Carbon Foresight is a sustainable business consulting firm focused on climate change. We help organizations measure, manage and reduce carbon emissions as well as discover, develop and implement opportunities for sustainable business.

Why develop a sustainability strategy?

Climate change must be viewed as both an important risk and a significant opportunity. Greenhouse gas regulation, carbon pricing and increasing energy prices are serious threats to traditional business models, but finding ways to accelerate our transition to a low-carbon economy is a huge opportunity for business.

Our Services:

- ▶ Sustainability Strategy Development
- ▶ Climate Risk & Opportunity Assessment
- ▶ Carbon Emissions Inventory
- ▶ Enterprise Carbon Management Selection & Implementation
- ▶ Sustainability Scorecard