

The Company



Ivanhoe Cambridge, a global real estate industry leader, invests in high-quality properties and companies in select cities around the world. It does so prudently with a long-term view to optimize risk-adjusted returns.

Ivanhoe Cambridge held more than CDN \$48 billion in total assets as at June 30, 2015. The company is a real-estate subsidiary of Caisse de dépôt et placement du Québec, one of Canada's leading institutional fund managers.

Through subsidiaries and partnerships, Ivanhoe Cambridge has direct or indirect investments in over 160 million ft² of office, retail and logistics properties as well as in more than 23,000 multi-residential units.

The Role

Ongoing maintenance and tracking of energy-data inventory used to establish parameters related to consumption, energy-consuming systems and equipment, industry certifications

Collection of data that is specifically required by benchmarking and/or certification programs such as GRESB, ICSC Scorecard and Energy Star Portfolio Manager

Collection of greenhouse gas (GHG) data and information specific to the annual Corporate Social Responsibility (CSR) report

Researching and summarizing energy reduction technologies, services, and industry best-practices in terms of sustainable building operations

Special Project: Target Setting

Guiding Methodology:

Sectoral Decarbonization Approach

- Jointly developed by WWF, CDP, and WRI
- Set a carbon budget (developed by International Energy Agency) for eight industries based on 2DS through 2050 based on:
 - 1) Current contribution to global emissions
 - 2) Mitigation potential
 - 3) Potential growth rates

Each company had its own carbon budget based on its emissions contributions to the industry. The idea is to converge with the projected pathway of the industry through to 2050.

The work:

Goal: Make the biggest impact possible in trying to reduce Greenhouse Gas Emissions across the Canadian portfolio

Emissions Source	Scope	% of Portfolio Emissions
Natural Gas	Scope 1	18%
Electricity	Scope 2	70%
Steam	Scope 2	12%

The targets we set were thus based upon electricity to have the greatest **impact**.

Using the SDA as a guiding methodology and a tool, and 2014 as the **baseline year**, we set 3, 5, and 10 year GHG reduction targets for each property

Used GHG Emissions factors to convert these into kWh targets

