



# Green Building Certifications

Get more than a plaque on the wall.

Let Prism Engineering's integrated team guide you through the certification process from the pre-assessment, to the application, and ongoing maintenance. With over 30 years in business, we're not going anywhere. We'll support you throughout the entire process.

## We offer support for:

- Preparation and review of application
- Engineering design
- Energy and water audits
- DDC review
- Policy review

## Certification systems

Prism Engineering selects from multiple certification systems to determine the best fit for each client, with an emphasis on the following:

### LEED EB:O+M

This existing building certification system provides a framework for systematically improving a building's environmental performance on a 5 year re-certification cycle.

### LEED CI

Whether it's a renovation or a tenant improvement, this certification system will ensure a tenant or commercial space reduces its environmental impact.

### BOMA BEST

With a focus on existing building policy, this system provides the entry point for environmental certification. Prism Engineering is a member of the Canadian Green Building Council (CaGBC).

## Bentall Kennedy: Improving the environmental impact of operations with LEED EB:O&M (2013)

Sun Life Financial Group and Bentall Kennedy turned to Prism Engineering to manage the LEED EB:O&M certification of Airport Executive Park Building 7 & 10 in Richmond, BC. Tasked with the energy, water, air quality credits and overall project management, Prism first worked with building management to assess the current situation, prepare the budget requirements and propose necessary upgrades.

Both buildings achieved higher than the targeted Certification level to become LEED Silver Certified by the Canadian Green Building Council (CaGBC).

LEED certifications are a key strategy pursued by Bentall Kennedy, who currently rank 1st for sustainability performance in the Americas by the Global Real Estate and Sustainability Benchmark (GRESB).



## LEED project experience

Prism Engineering has been providing services as part of the LEED process since 2008. We have seven full time LEED professionals on staff. The following are a select list of projects:

### Going Beyond Certified

**Bentall Kennedy, Airport Executive Park 7**



The Prism team managed the certification and exceeded the targeted level to achieve LEED EB:O+M Silver Certified.

### From Assessment to Ongoing Maintenance

**Bentall Kennedy, Airport Executive Park 10**

While focusing on a significant DDC upgrade, Prism managed the certification process to achieve LEED EB:O+M Silver.

### Quantifying Environmental Performance

**Bentall Kennedy, 777 Hornby**

Prism performed a gap analysis and created a detailed budget to understand the upgrades needed to achieve a LEED EB:O+M certification.

### Highest Level of Certification

**Shaw Tower**



Prism led the energy credits for this high-achieving project, one of the few in Canada to achieve LEED EB:O+M Platinum and the first in downtown Vancouver.

### Determining Feasibility

**Ivanhoe Cambridge, Bentall Centre**



Prism performed a preliminary evaluation to determine the steps necessary to achieve LEED EB:O+M certification, including the project budget and strategy.

### Lighting the Way

**Vancity, Burnaby & Port Coquitlam Branches**



Prism used innovative lighting, mechanical systems and control strategies to help Vancity apply for LEED CI.

### Communicating LEED

**North Vancouver School District**



The Prism team created unique and inspiring signage to communicate the LEED BD+C aspects to students and faculty in four locations.

### Setting the Industry Standard

**Starbucks, approx. 60 locations in Western Canada**



Prism collaborates with the Starbucks team to create innovative electrical and mechanical solutions for LEED CI applications.