

# Canada's first commercial LEED v4 Platinum certified project

Canada Green Building Council's new Vancouver office "leads" the way with predicted energy cost savings of 25.3 per cent compared to ASHRAE 9.1-2010, with a 39 per cent reduction in indoor water use.

CaGBC's LEED v4 Platinum certified Vancouver office space

The Canada Green Building Council (CaGBC) has announced that its new Vancouver office has certified LEED v4 Platinum for Interior Design + Construction (ID+C) – becoming the first commercial project to earn LEED v4 Platinum in the country.

CaGBC worked along with DIALOG (designer), Leducor Construction Ltd. (contractor) and Integral Group (mechanical and electrical engineer) on the Vancouver office, and the team was able to earn a final predicted energy cost savings of 25.3 per cent compared to ASHRAE 9.1-2010, with a 39 per cent reduction in indoor water use.

Selecting a location with access to amenities including public transit and bicycle networks was a contributor in earning the LEED Platinum certification. CaGBC is leasing office space in the newly opened MNP Tower at 1021 W. Hastings St., a LEED Gold certified building owned by Oxford Properties Group. The space incorporates an open-office design, a variety of workspace options, and sit-stand desks to maximize ergonomics.

"Our goal with this office was to set an example by achieving the most rigorous level of certification under LEED v4, and to do so by highlighting the innovation and capabilities that CaGBC has fostered over the past decade," said Thomas Mueller, president and CEO of the CaGBC in a company release. "This project is demonstrating how we can reduce carbon impact, improve efficiency and eliminate toxicity while stimulating innovation."

Building materials included flooring, shades and fabric that are Cradle2Cradle certified or have Environmental Product Declarations (EPDs); the project also ensured 80 per cent of workstation furniture was from reused, refurbished or recycled sources; and the team used VOC-absorbing gypsum and other low-VOC products to maximize indoor air quality.

A video detailing the design and construction process of the office has been posted on the council's website.

The CaGBC worked with 40 industry sponsors for this project, who provided in-kind services and support.

Additional sponsors included (in alphabetical order):

- CES Engineering Ltd.
- Erv Parent Co. Ltd.
- Fred Welsh Ltd
- K.D. Engineering Co.
- Pinchin West Ltd.