



Mountain Equipment Co-op Burlington

Sustainable innovation by a retail leader

Burlington, Ontario



Mountain Equipment Co-op (MEC) Burlington is set to be the first MEC store to receive LEED Canada certification. The 2,500 m² building, which houses retail, warehouse, and administrative space, is a model for sustainable retail. From environmentally-appropriate materials to an unusual, but extremely

effective solar energy system, MEC Burlington sets the bar high.

Founded in 1971, MEC has grown to over 3 million members and become the largest outdoors store in Canada. MEC exists to serve its members; this includes promoting a healthy environment and retail experience.

Notable Features

- provided 32 extra bike racks to encourage alternative transportation
- close to GO station and two bus routes
- building designed for simple disassembly
- two cisterns: one collects parking lot runoff for irrigation, and one collects water off the roof for plumbing fixtures
- creates an ice mass at night to cool ventilation air for air conditioning during summer days
- underfloor air distribution controlled by CO₂ sensors
- tracking PV rooftop solar panels for electricity
- lights automatically dim in unoccupied areas of the retail space
- 97% of wood is FSC certified
- low-emitting materials used whenever possible

Owner:
Mountain Equipment Co-op

Architect:
Stone McQuire Vogt Architects

Our Services:

- Sustainable Design Facilitation
- Energy Efficiency Consulting
- LEED Consulting & Certification
- Building Commissioning

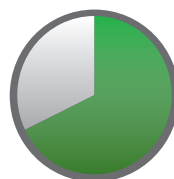
Status:
LEED®-NC Gold Certified
Completed 2009

LEED® Project Facts

Gross Floor Area: 2501 (m²)
Energy Density: 110 (kWh/m²)

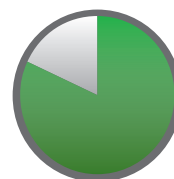
Category	% Performance
Water Savings	
Irrigation	100 %
Indoor Use	82 %
Energy Savings	
Renewable Energy	13 %
Waste Diversion	
Waste Diversion	96 %
Recycled Content	
Recycled Content	9 %
Regional Content	
Regional Content	11 %
FSC Wood Content	
FSC Wood Content	97 %

LEED® Level



68%

Energy Savings



82%

Indoor Water Savings



67%

Raw Materials Savings