

The logo for CleanBC, with 'clean' in green and 'BC' in blue.

cleanBC

# CLIMATE LEADERSHIP SYMPOSIUM

Public Sector and Local  
Government Action

# City of Abbotsford's Green Civic Building Strategy

Presented by

Wasel Rahman, MSc, EIT, CEM  
Energy & Climate Action Engineer  
Environmental Services, City of Abbotsford

# Green Civic Building Framework

## GHG Emissions Targets

Official Community Plan (OCP) Targets:



### What we do

Use less energy & resources



Reduce GHG emissions



Use renewable energy



### How we drive corporate change



### The results we seek

Buildings & Infrastructure Improvement

Corporate Excellence

Environmental Stewardship



Learn more at: [www.abbotsford.ca/community-events/environment/climate-change](http://www.abbotsford.ca/community-events/environment/climate-change)

PROGRESS ON CLIMATE ACTION COMMITMENTS

# Green Buildings Policy (GBP)

## GBP Development Steps:

1. Subject-matter expert engagement
2. External Research –Best practices
3. Internal Consultation –City specific needs
4. Practical Application –City project
5. Senior Leadership Team review



# GBP Principles

1. Perform energy modeling at schematic and detailed design
2. Balance the GBP net-zero emissions in operations equations
3. Perform comprehensive commissioning
4. Provide energy monitoring
5. Contribute to Climate Action Reserve Fund



# GBP – Net Zero Emissions in Operations

- Direct Emissions Onsite 
- + Indirect Emissions Offsite 
- Exported Green Power  
- Offset unavoidable emissions 

**0 Net Zero Emissions in Operations**



# Abbotsford's first GBP-compliant building

Abbotsford Police Headquarters Expansion Project

---

## GBP Checklist

---

Energy Modeling ✓

Comprehensive Commissioning ✓

Net-zero emission in operations method ✓

Energy and GHG performance tracking ✓

---



**Thank you**

**Questions?**