

**Green  
Buildings  
BC**

**Local Government Program**

# **The Case for Comprehensive Retrofits**

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# Why Do Comprehensive Energy Retrofits?

More than just saving money on your energy bills.



# Environmental Leadership

- Increasing public demand for environmental leadership by local governments
- Easy and cost effective way of demonstrating environmental leadership
- Helps sell community wide environmental initiatives with long term benefits
- Climate Action Charter commitments

# Improved Building Operation

- Better lighting quality
- Better IAQ
- Better temperature control



# Utility Savings

- Wasted energy is a lost opportunity
- Retrofits are cash flow neutral
- Utility costs keep increasing
- Keeping energy costs down will be key to long term sustainability

# Equipment Renewal

- Savings stream can pay for other things besides energy conserving equipment
- Replacement of old, failing equipment
  - Conversion to T8 lighting
  - Removal of PCB ballasts
  - DDC controls
  - New boilers
- Maintenance and capital budgets can be combined with savings stream \$ to get more done



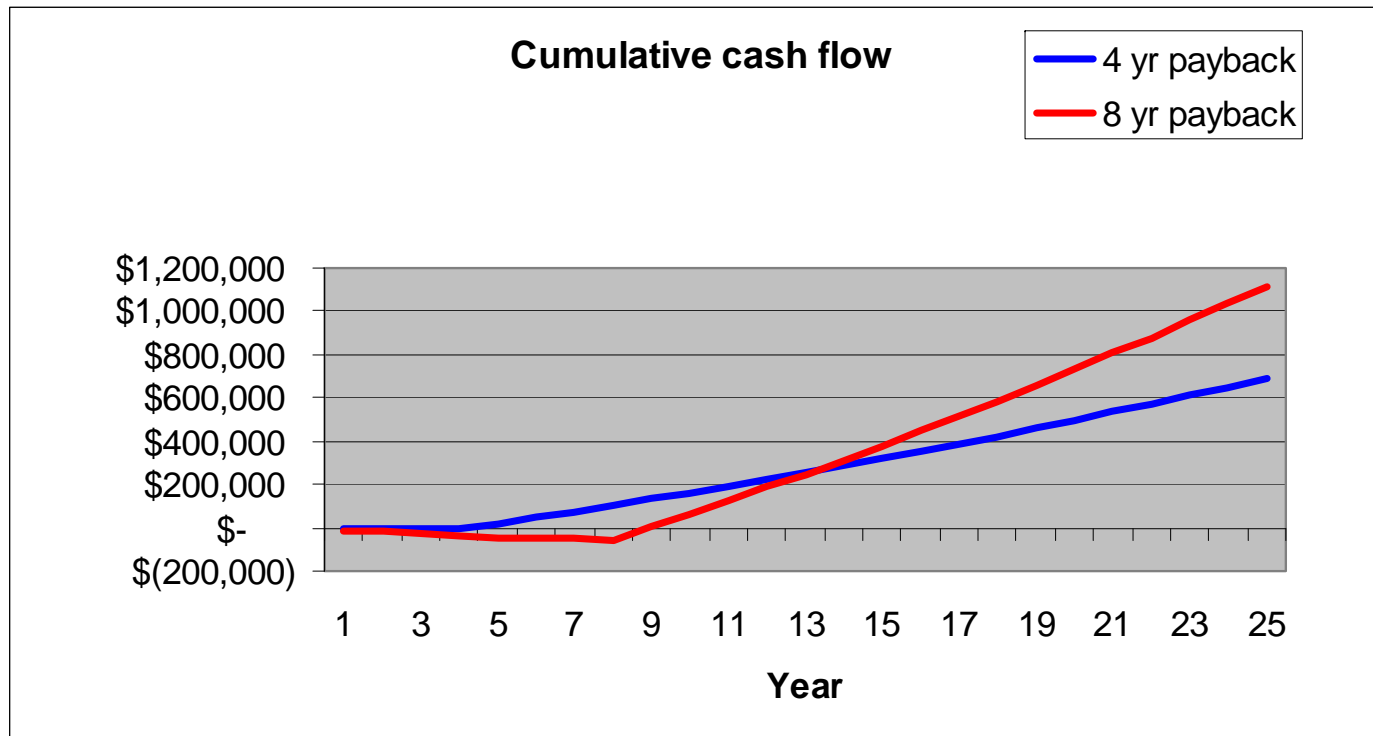


# Comprehensive Retrofits

## Benefits

- Greater long term savings
- Best return on investment
- Increased equipment renewal
- Better demonstration of environmental leadership

# Comprehensive Retrofits





# What is Green Buildings BC?

- A provincial initiative to increase the performance of new and existing buildings.
- Program role:
  - To accelerate the pace of comprehensive energy efficiency retrofits
  - To provide safeguards that help protect the financial interests of the province and participating institutions
  - Facilitate self-financing retrofit projects
- Available since 2001 to healthcare and education organizations.
- Local Government Program – launch March 2008

# GBBC Program Services

- Guidance & Support
  - Procurement documents – RFPs, contracts
  - How-to guide
  - Case studies
  - Qualified bidders list
  - Broad planning support
  - Assistance with opportunity assessments





Thank you

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