

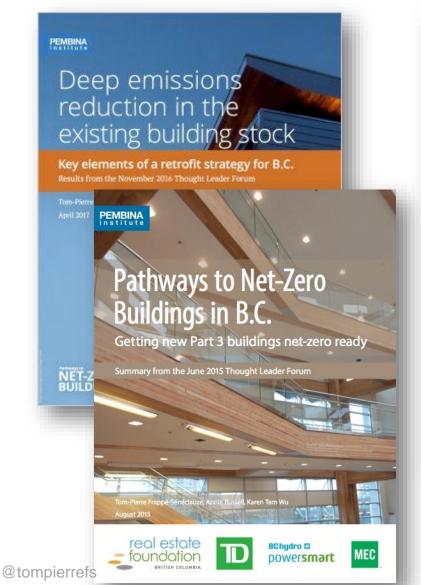
# Leading Canada's transition to clean energy

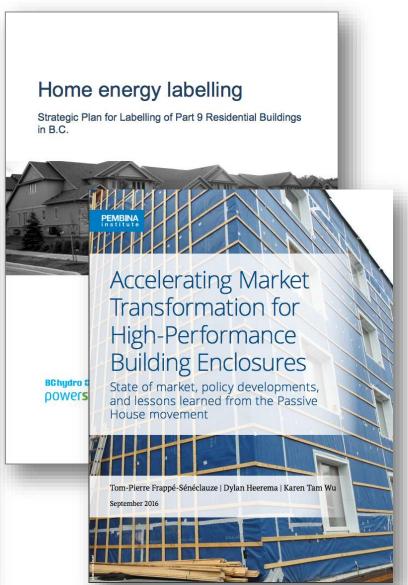
The Pembina Institute is a non-profit research institute that advocates for strong, effective policies to support Canada's clean-energy transition.



### Research

#### pembina.org/buildings





## Convening

Net Zero Thought Leader Forums: 80+ organizations, 100+ participants:

2015: Can we get new buildings 'net-zero ready' by 2030?

2016: How do we accelerate deep retrofits?



### Advocacy

#### Call to Action on Climate and Energy in the Building Sector





**BLUE SKY ARCHITECTURE** 

EnerSys

COVER Architectural

Kootenay

**Energy Advisor** 

**ESVI** 

Vancouver Island

cover

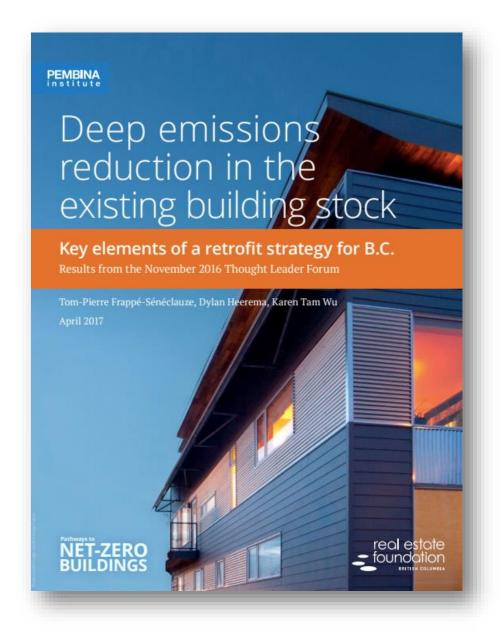
Bruce Haden Architect

REMI CHARRON

**Consulting Services** 

Consulting Inc

**O**UniverCity











## Energy efficiency

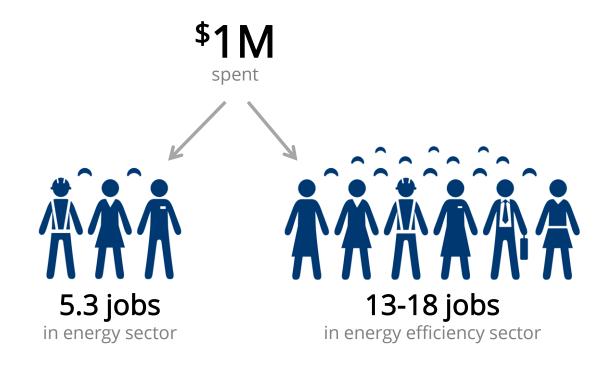
Transfer of capital from energy sector to construction and manufacturing sectors







# Redirecting investments in construction creates more jobs







### British Columbia Green Buildings Map

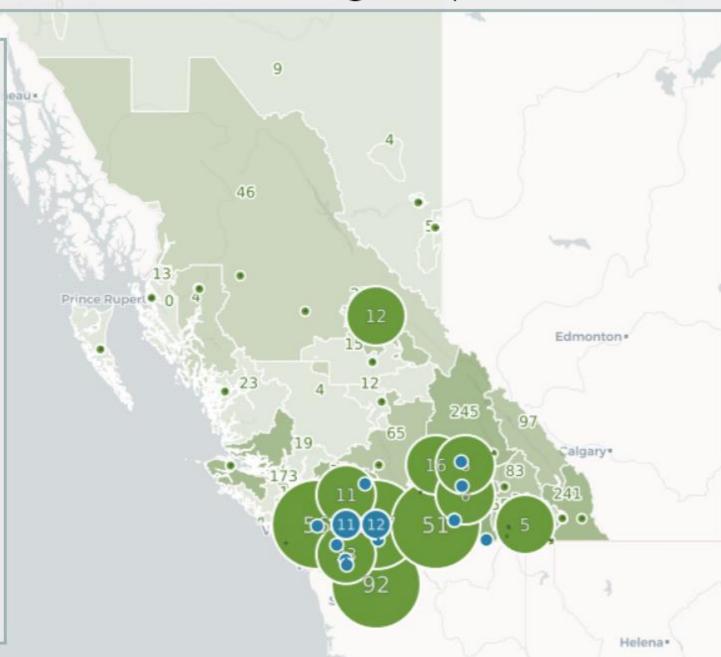


Manufactures 35 businesses and Suppliers 11,200 Jobs

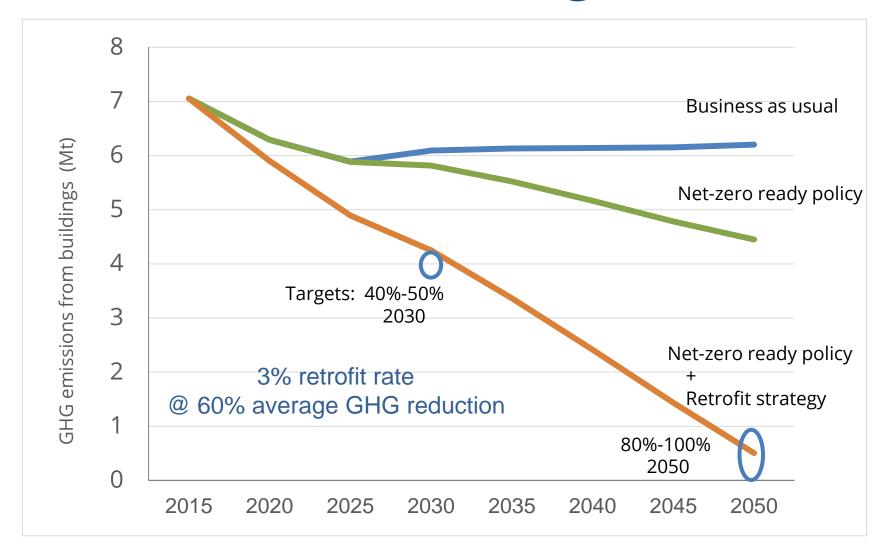
Wiew our Methodology

Back to Green Buildings Home

Explore our Clean Electricity
Jobs Map



## Emissions from B.C. buildings





## Each year we need to retrofit







### Each year we need to retrofit



**30,000** homes



**17,000** apartment units



### How does that compare?

LiveSmart BC rebates (2008–2014) retrofitted **10,000** homes/year

25% GHG savings Between now and 2050, B.C. needs to retrofit **30,000** homes/year

