

# BUILDING ENERGY RETROFIT FUND

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Accelerating the Implementation of the  
**Energy Retrofit Strategy for Existing Buildings**

Administrative Report  
February 2, 2016



## RECOMMENDATION #1

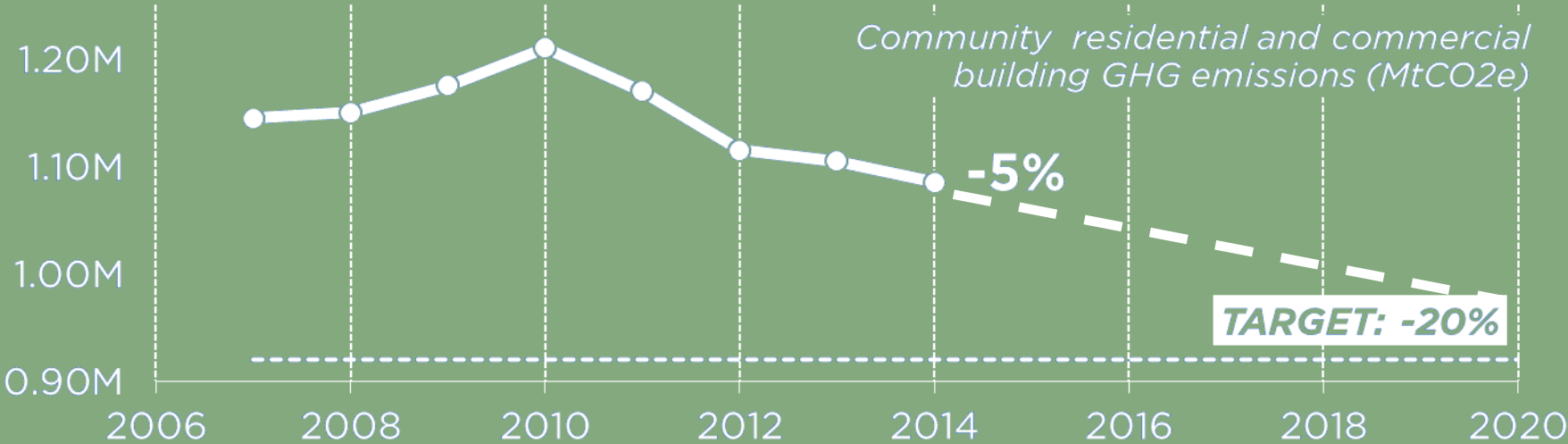
**Create Building Energy Retrofit Fund  
with endowment of \$1,000,000 allocation  
from Innovation Fund**

- » Leverage ~\$8,000,000 in building owner investment and provincial/energy utility funding

# CONTEXT AND RESULTS TO DATE

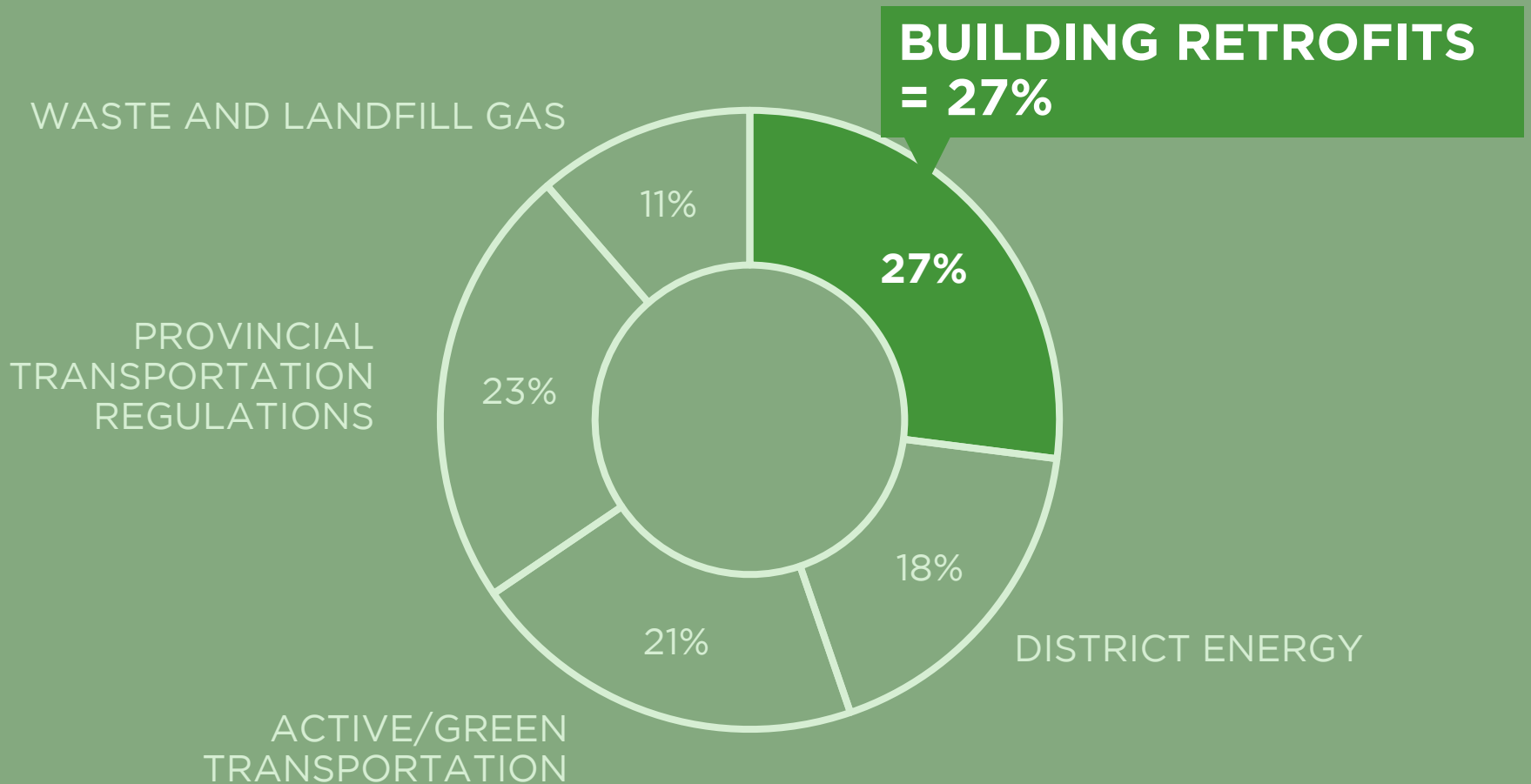


**BUILDINGS = 41%**  
OF VANCOUVER'S  
COMMUNITY GHGs



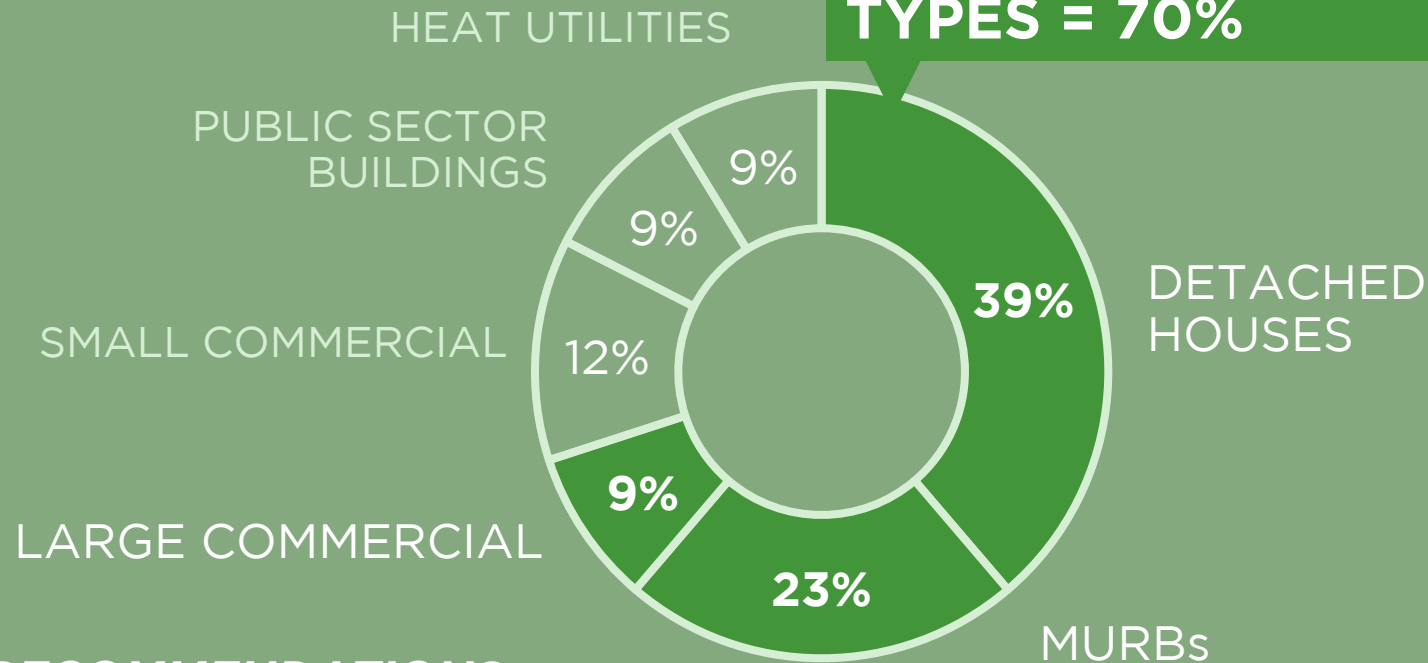
# GCAP PART 2: REDUCING GHG EMISSIONS 33%

## COMMUNITY GHG REDUCTIONS BY 2020



# BUILDING ENERGY RETROFIT STRATEGY BACKGROUND

## BUILDING GHGs



## RECOMMENDATIONS

- » Pilot thermal imaging
- » Promote existing incentive uptake and recommend new incentives
- » Expand Green Landlord Program
- » Develop Building Energy Benchmarking Program

# BUILDING ENERGY RETROFIT FUND: PURPOSE

Expand **proven programs** and develop **new tools/approaches** to:

- » Engage
- » Support
- » Provide additional incentives when required

for building owners in order to **catalyze voluntary private investment** in energy efficiency improvements in existing buildings

# BUILDING ENERGY RETROFIT FUND: BENEFITS

## **CONTINUE LEADERSHIP**

in reducing  
climate pollution

## **CREATE GREEN JOBS**

for skilled and unskilled  
local workers

## **PRESERVE CHARACTER HOMES**

## **PRESERVE AFFORDABLE HOUSING STOCK**

by investing in  
older rental buildings

## **MAXIMIZE UPTAKE OF UTILITY INCENTIVES**



Create a Home Energy Efficiency Empowerment Program

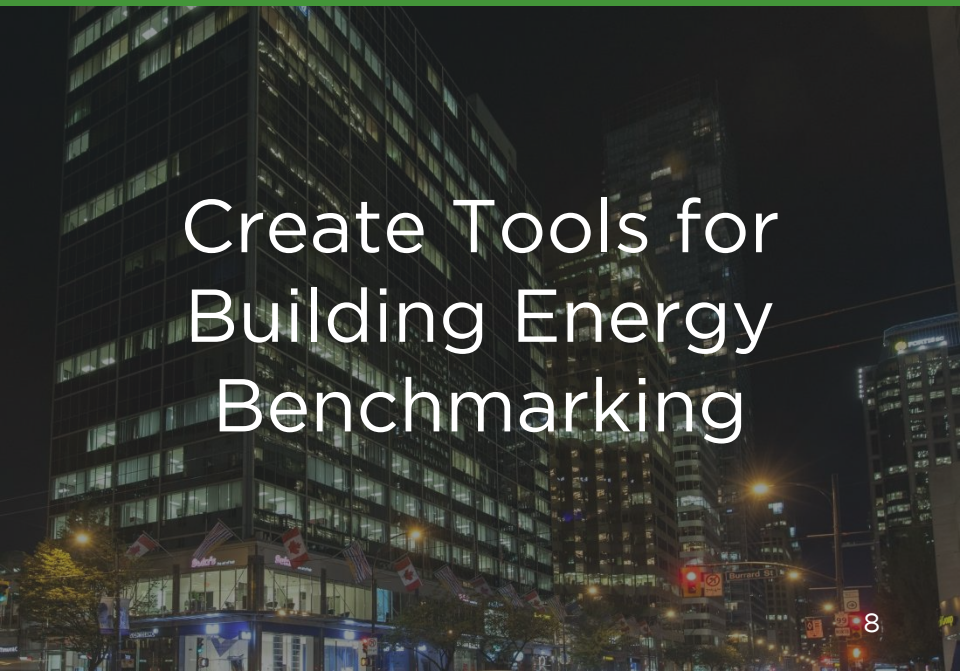


Continue Pre-1940 and Heritage Retrofit Grants

IMMEDIATE OPPORTUNITIES



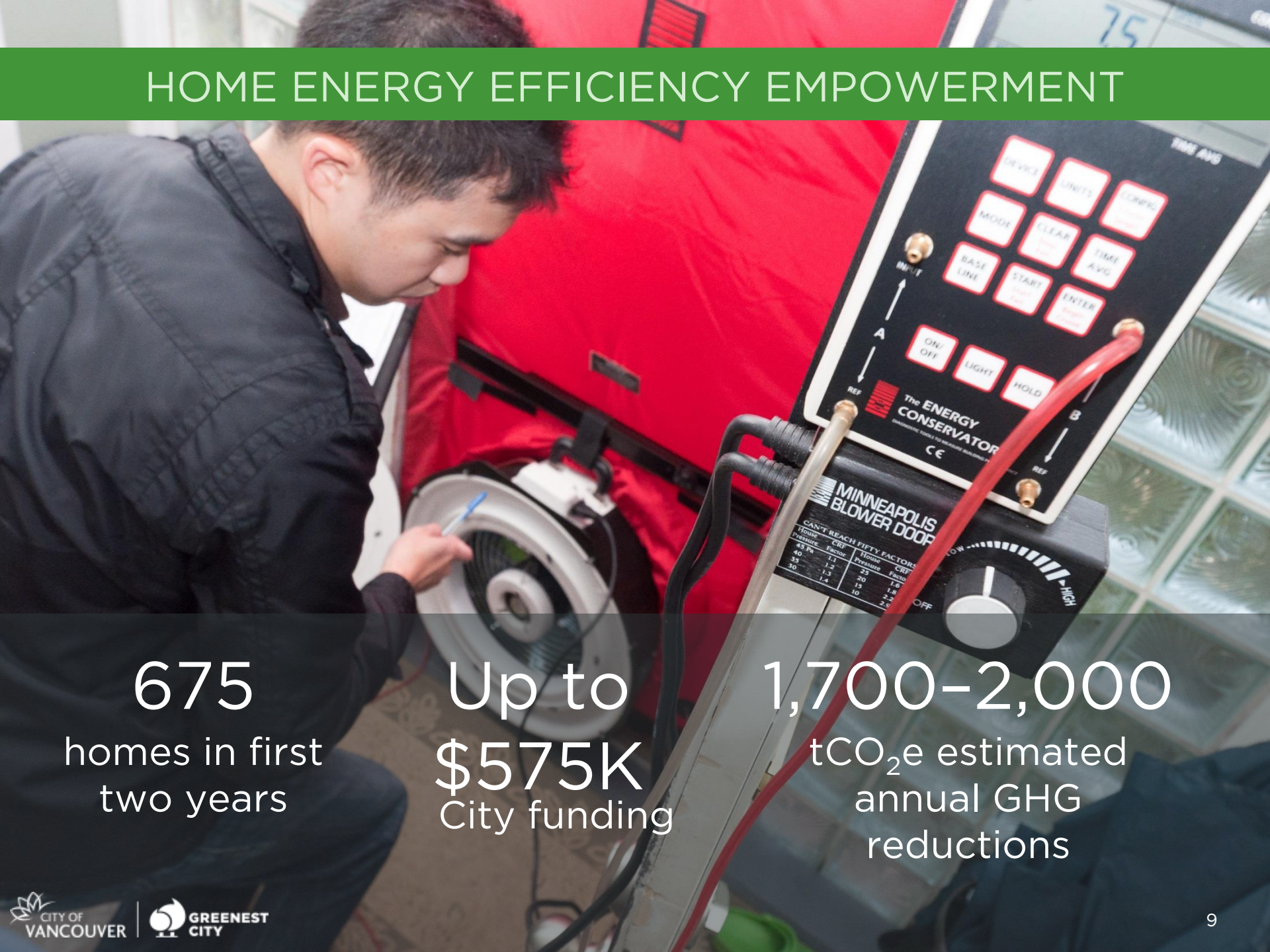
Expand Green Landlord Program and include Non-Market Housing



Create Tools for Building Energy Benchmarking



# HOME ENERGY EFFICIENCY EMPOWERMENT



675  
homes in first  
two years

Up to  
\$575K  
City funding

1,700–2,000  
tCO<sub>2</sub>e estimated  
annual GHG  
reductions

# GREEN LANDLORD PROGRAM

~20  
apartment  
buildings

\$200K  
City funding

680  
tCO<sub>2</sub>e estimated  
annual GHG  
reductions

# BUILDING ENERGY BENCHMARKING/REPORTING TOOLS

\$75K

City funding to leverage contributions  
from Province/other Local Governments

# PRE-1940 AND HERITAGE RETROFIT GRANT

40+  
character  
homes

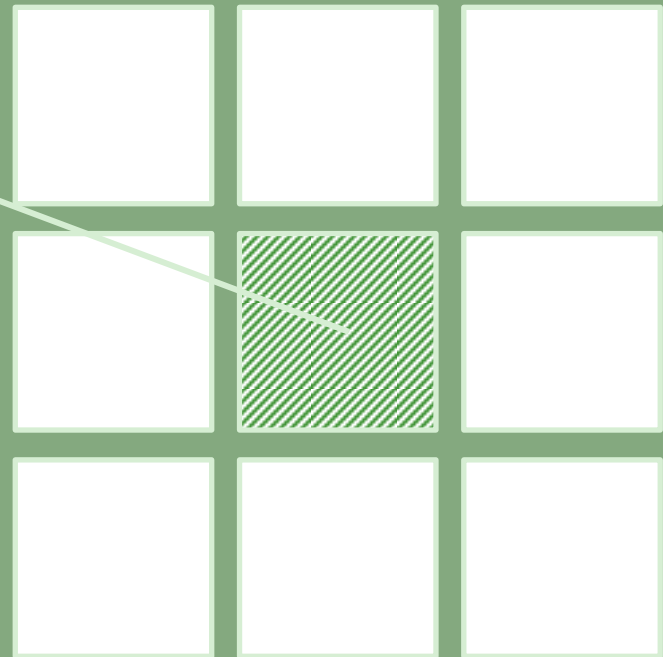
\$150K  
City funding

120–280  
tCO<sub>2</sub>e estimated  
annual GHG  
reductions

## RECOMMENDATION #2

**Grant \$150,000 from Building Energy Retrofit Fund to Vancouver Heritage Foundation to continue *Pre-1940 and Heritage Retrofit Grant Program* through 2017**

# \$1.0M Building Energy Retrofit Fund



anticipated to leverage **\$8.0M** in utility, private and provincial funding



# QUESTIONS

