

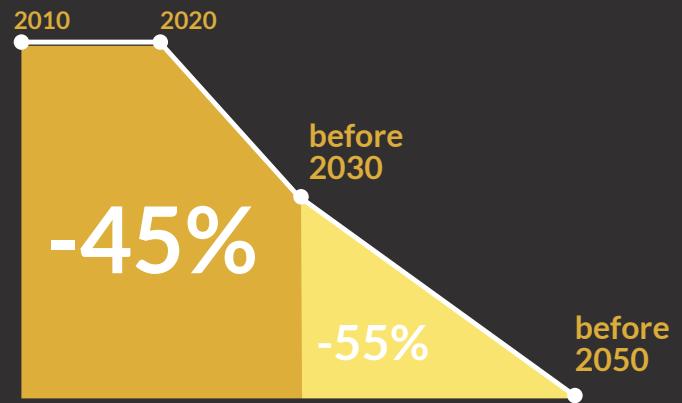
THE NORTHERN BUILDING RETROFIT ECONOMY

BENEFITS FOR COMPANIES, HOMEOWNERS & GOVERNMENT

REDUCING GREENHOUSE GAS EMISSIONS IN THE BUILDING SECTOR IN THE NORTHWEST TERRITORIES

HIGH-LEVEL OVERVIEW ONLY. FULL REPORT AVAILABLE ON WWW.NORTHERNCENTREFORSUSTAINABILITY.CA

CLIMATE STABILITY TARGETS¹



JOB CREATION

123 JOBS
in 2030

Jobs in the field of retrofit building will be spread across all communities in the Northwest Territories.



ADDITIONAL TAX REVENUES IN THE GNWT

\$1M
per year

Tax revenues boosted by added employment and worker spending, construction and transportation company investment and income, and homeowner fuel savings that are spent on the local economy.

THE COST OF CLIMATE CHANGE

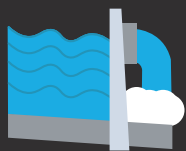


NWT is warming 4-5 times faster than global averages. Permafrost is thawing, damaging buildings and infrastructure. Shrinking sea ice and coastal erosion are impacting species, ecosystems and Indigenous cultures.

ENERGY SAVINGS

19k barrels
or 3M L per year

\$20M
per year



Equals to the whole Snare hydro system running at full capacity for more than a year

Energy savings more than cover the costs of retrofit investments. Up-front costs can be financed by banks or government using PACE, LIC, or similar financing systems.

PROJECTED GDP INCREASE

\$15M
in 2030

GOAL

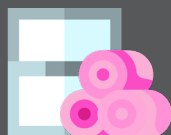
**100% ELECTRIC GRID
DECARBONIZATION BEFORE 2030**

ANNUAL SAVINGS² FOR THE AVERAGE NWT HOMEOWNER



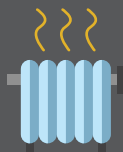
renewable energy
solar and wind

\$2,500
per household



deep retrofits
window and wall insulation

\$1,400
per household



fuel switching
biomass and electric
heats pumps

\$1,200
per household



standard retrofit
LEDs, thermostats,
attic insulation

\$600
per household

ROI 9%

per year (payback of 12 years)

Based on initial investment of \$125k for an average household (1,671 ft²).

Energy savings more than cover the cost of retrofit investments of \$21M/year.

¹ Intergovernmental Panel on Climate Change, Global warming of 1.5°C.

² Combining multiple activities at a household affects both the cost and savings for that household. Values as shown cannot be added together.