



Mission: Building a climate positive world through innovative, collaborative, and data driven solutions.



## Goal

Accelerate and simplify the deep energy retrofit process so more homes get upgraded each year. Moving the needed; today, only 1% of homes get upgraded annually.



## Our Approach

Creating a digital low-carbon plan for every building and making it accessible to stakeholders to collaborate and better serve homeowners. Digitalize and decentralize the retrofit process.



## Current State

Today's homeowner energy retrofit journey is complex. Stakeholders who support homeowners work in silos, such as governments, utilities, energy efficiency organizations, financiers, suppliers, etc. Often, programs best serve urban centers and those with preferred socioeconomic status, excluding many homeowners.



## What We Do

- Mass energy assessment of homes (1M+ per day)
- Unique low-carbon plan for each home
- On-line platform to engage citizens and stakeholders
- Aggregate Geo bound interactive low carbon maps
- Remote audits for real-time updates of low carbon plans



## How Do We Do It

Using advanced AI, and trained machine learning models, Climative identifies a home's current energy use and carbon footprint. We predict its energy and carbon savings potential based on unique retrofits, with costs and savings.

A digital record of the home is maintained in a ledger and can be securely shared with selected stakeholders to enable collaboration. The record is updated as retrofits are completed.



## Who Can Benefit

- Provincial/state governments wanting to engage/educate citizens
- Governments adopting home energy labelling at point of sale
- Municipalities designing & deploying retrofit financing programs
- Energy efficiency organizations designing & delivering programs
- Financial institutions delivering loans for deep energy retrofits
- Organizations with environmental, social, & governance goals
- Organizations needing to ensure equity in program delivery

## Low Carbon Plan for Every Building (personalized actionable insights for deep energy retrofits)

### Building Blocks



Building's Basic Assessment Data



AI Based Energy Audits



Remote Audits - real time energy advice

### What it Is

- ✓ Current Energy/Carbon Rating/Label
- ✓ Energy Retrofit Recommendations & Costs
- ✓ Energy Savings Potential from Retrofits
- ✓ Carbon Savings Potential from Retrofits
- ✓ Matching of Regional Rebates & Offers

### Benefits

Service Equity

Lower Delivery \$

Awareness

Tracking (M&V)

Collaboration

New Policy

Higher Uptake