

# Do-It-Yourself Home Energy Efficiency Pilot Project

**2011 Behavior, Energy, and Climate  
Change Conference**

**Prepared by Paul Markowitz**



# Goal of DIY Program

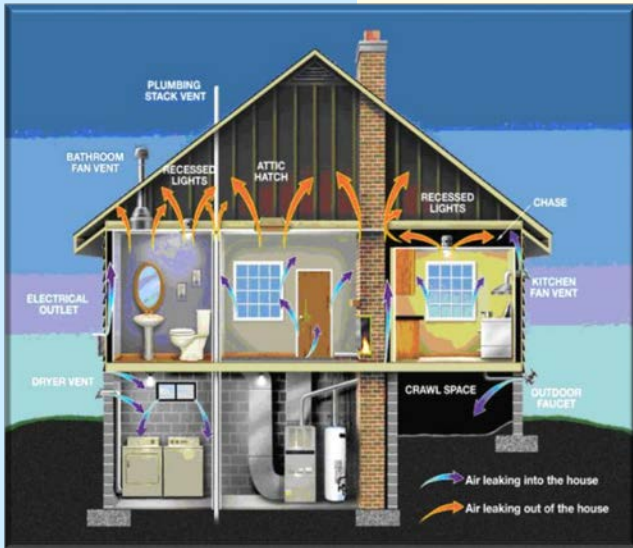


Image courtesy of US EPA

- Ensure interested homeowners received the training and guidance they needed to achieve meaningful energy savings in their homes
- Implemented by Central Vermont Community Action Council, in partnership with Efficiency Vermont

# Why DIY?

## Huge untapped demand!

- 25% of Vermonters said they were very interested in working under the guidance of a certified professional to make significant energy efficiency improvements to their homes
  - another 28% -- somewhat interested

## DIY Participants Receive

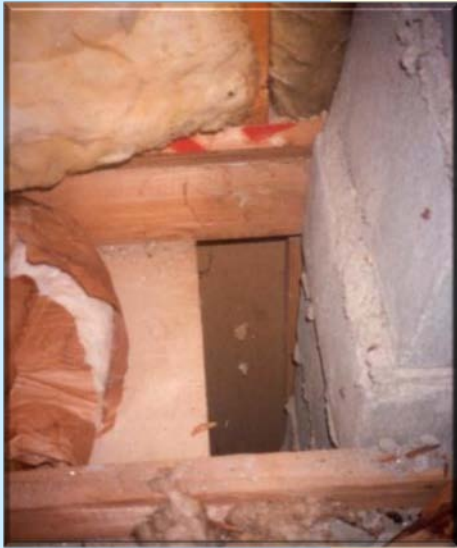


Image courtesy of David Keefe

- Professional energy audit and detailed audit report
- Mid-term inspection after air sealing
- Final inspection by auditor after completion of work
- Direct technical assistance from auditor
- Encouraged to attend a day-long “Weatherization Skillshop”

# Roles

## **Central Vermont Community Action Council (CVCAC)**

- Coordinated program
- Presented Weatherization Skillshops
- Developed model documents
- Coached and supported homeowners
- Enrolled and trained auditors

# Roles

- **Auditors** - conducted energy audits and prepared reports, conducted mid-way inspections and final test-out, reported results to Efficiency Vermont
- **Efficiency Vermont** - provided financial incentives and tracked savings



Photo courtesy of Efficiency Vermont

## Quantitative Results



Images courtesy of EnergySmart of Vermont

- 24 Vermont homeowners completed the process
- Participants achieved average energy savings of 39 MMBTUs -- compared to 40 MMBTUs for standard Home Performance with ENERGY STAR jobs

## Qualitative Results

- 82% of auditors said quality of work was high, while a similar number said that homeowners had the necessary skills and knowledge
- 77% of participants said they were either satisfied or very satisfied with the DIY program
- CVCAC and EVT are continuing program



# Thank You!

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