# Driving Demand for Home Energy Improvements

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# Driving Demand for Home Energy Improvements:

Motivating residential customers to invest in comprehensive upgrades that eliminate energy waste, avoid high bills, and spur the economy



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**Question:** How can millions of Americans be persuaded to divert valued time and resources into upgrading their homes?

#### What We Did:

- ✓ Case studies of 14 residential energy efficiency programs
- Review of relevant marketing and behavioral research reports and presentations
- ✓ Phone survey of 30 home performance contractors
- ✓ Interviews with key experts

Report, listserves, upcoming & past webinars, and other resources:

http://drivingdemand.lbl.gov/

# **Charting New Territory**



Limited success to date motivating large numbers of Americans to invest in **comprehensive** home energy improvements, especially if they are being asked to pay for a majority of the improvement costs.

But we can learn from past programs...

### What We Cover



- "Retrofits" are a Tough Sell
- Lessons from Behavioral Research
- Engage Trusted Messengers
- Work Closely With Contractors
- Identify the Target Audience
- Sell Something People Want
- Language Matters
- Design and Evaluate Programs to Learn What Works



# "Retrofits" are a Tough Sell



- Programs must make an appealing case to potential customers, many of whom are not currently interested in upgrading their homes.
- Demands on homeowners, particularly around time and effort, must be minimized. Consolidate the number of steps required.
   Participants drop out with each step and with each time delay.



#### Lessons from Behavioral Research



- Simply providing information and financing is insufficient to incentivize widespread home energy improvements.
- Social norms, competition, public commitment and feedback may all be useful tools to guide program design.



- Single Action Bias vs. Small Concessions
  - There may be a tendency towards a "single action bias" people do one thing and consider themselves done.
  - Programs that opt for a "small concessions" approach need to make sure that participants understand that this is just the first step (and the fewer steps the better).

# **Engage Trusted Messengers**



- Start with local opinion leaders. Involving local opinion leaders to promote a program takes advantage of existing social relationships and networks.
- Model success. The stories told both in person and through marketing media – of early adopters/opinion leaders who have successfully gone through the program can attract others.
- Encouraging personal contact with peers. Personto-person communication with peers can be one of the more effective ways to motivate action, especially if the "messenger" is someone the potential participant already knows and trusts.
- Local control. Allow the local community to have ownership of the program.
- **Get buy-in from local organizations.** Ask for the support of respected local organizations, especially nonprofits.



### Partner with contractors



- Contractors will be the primary sales force for most programs
- Design a program that contractors want to sell
- Consider sales training & marketing incentives for contractors
- Not all contractors have the same business model – structure incentives to move contractors toward more comprehensive upgrades



# **Identify the Target Audience**



You will not be able to reach everyone in the initial launch, in fact, it may be prohibitively expensive to do so effectively.

- Focus on the early adopters in the beginning stages of a program.
- Use focus groups and market segmentation research to identify the target audience; understand the specific barriers and effective messages to reach this audience.
- Consider targeting by:
  - Demographics
  - Values
  - Hot issues
  - Potential for savings
  - Entry point



# **Sell Something People Want**



**Comfort:** Increase your family's comfort and wellbeing.

**Practical Investment:** Make an investment to protect and maintain your most valuable asset.

**Self-Reliance:** Become a self-reliant American – reduce your energy dependence.

**Social Norm:** All of your neighbors are making home energy improvements.

**Health:** Protect your family from mold allergies and asthma.

**Community:** Join your neighbors in supporting local prosperity, reducing energy waste, and protecting the environment for future generations.





# **Language Matters**



- Words have power programs should choose the language they use carefully. The terms "audit" and "retrofit" are not effective.
- Communication style matters, and this can require training to get right.
   Programs should consider using vivid examples, personalizing information, using statements of loss rather than gain, and inducing a commitment from the homeowners.



## Pilot, Experiment, Measure...



Know success and failure by *measuring* it, and *experiment* to figure out what works

- Design for data collection and evaluation at the start to allow
  - ✓ Mid-stream adjustments
  - ✓ Better selection among strategies
  - ✓ Knowing success when it arrives
- Pilot pilot It is important to pilot strategies before launching full-scale programs and to test a variety of strategies to learn what works.
- Look at the *all in* costs of the program including all direct and indirect staff time, incentives, marketing materials, etc and come up with a cost per home upgraded. How does this return on investment compare to other strategies available?

#### Resources



#### Join the Driving Demand email listserve

(announcements only or the discussion group)

#### **Upcoming Driving Demand Webinars**

- Tuesday, October 19 at 2:00-3:15 ET
   Case studies from the field
- Tuesday, November 9 at 2:00-3:15 ET
   Case studies from the field

http://drivingdemand.lbl.gov/

#### **Contact**

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