Energy Efficiency and Healthy Homes: Partnerships, Leverage, and Outcomes

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National Safe and Healthy Housing Coalition Meeting
June 2012
Agenda

- Background
  - LAMPP
  - CT Energy Efficiency Fund
  - CTEHII

- Partnerships and Leverage
  - Community Action Agencies
  - Tools and Ideas

- Questions and Discussion
Objectives

Examples

Ideas

Weatherization + Health + Safety

Collaboration

Leverage
LAMPP Project

• Lead Poisoning Prevention
LAMPP Project

**Success!**

<table>
<thead>
<tr>
<th>$23.4 Million</th>
<th>• Awarded by HUD since 2004</th>
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<tbody>
<tr>
<td>$22 Million</td>
<td>• Matching funds secured since 2004</td>
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<tr>
<td>1,725</td>
<td>• Housing units made lead-safe</td>
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Hazards
The Question Everyone is Asking...

Where’s the money?
CT Energy Efficiency Fund

Funded primarily by electric and natural gas utility customers
- Small fee each month from each electric and gas customer
- Funds efficiency programs for low-income customers

Over $100M statewide annually
- 4:1 return
- Over 98% of budget allocated to customer programs and incentives
What Makes a Home Healthy in CT?

- Energy Efficient
- Maintained
- Dry
- Clean
- Ventilated
- Pest-free
- Contaminant-free
- Safe
- Healthy Home
Weatherization & Health

• Weatherization IS health: “heat or eat” studies
• Issues are interconnected: indoor air quality, etc.
  – One man’s pest exclusion is another man’s air sealing
• Serving the same customers
## CT Efficient Healthy Homes Initiative (CTEHHI)

### Energy Efficiency - Health - Safety

- **Home Energy Solutions Income-Eligible**
  - Existing program, non-WAP
- **Add health and safety to HES-IE**

- **Statewide**
  - Administered by UI
  - Coordination with CL&P
  - On behalf of the Fund

- **Funding**
  - U.S. DOE WIPP grant: $3M
  - Energy Efficiency Fund: $10M

- **Income-eligible families**
  - 60% SMI
  - No cost to customer

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*Connecticut’s Energy Efficiency Programs are funded by a Charge on Customer energy bills. This Program is designed to help customers manage their energy usage and cost.*
## CTEHII Collaboration, Partnerships

<table>
<thead>
<tr>
<th>Day-to-Day</th>
<th>CTEHII Partners</th>
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<tbody>
<tr>
<td>• The United Illuminating Company</td>
<td>• Bridgeport Neighborhood Trust</td>
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<tr>
<td>• Connecticut Light &amp; Power</td>
<td>• City of Bridgeport</td>
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<tr>
<td>• Energy Efficiency Fund</td>
<td>• City of New Haven</td>
</tr>
<tr>
<td><strong>Advisory Committee</strong></td>
<td>• CT Children’s Medical Center LAMPP Project</td>
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<tr>
<td>• CT Department of Public Health</td>
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<tr>
<td>• CT Fund for the Environment</td>
<td>• CT Housing Coalition</td>
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<tr>
<td>• CT Public Utilities Regulatory Authority</td>
<td>• CT Housing Finance Authority</td>
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<tr>
<td>• Emily Hall Tremaine Foundation</td>
<td>• L. Wagner &amp; Associates</td>
</tr>
<tr>
<td>• Energy Efficiency Board</td>
<td>• Naugatuck Valley Emends Lead Hazards (NauVEL)</td>
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<tr>
<td>• National Center for Healthy Housing</td>
<td>• NeighborWorks New Horizons</td>
</tr>
<tr>
<td>• New Haven Legal Assistance</td>
<td>• Yale-New Haven Hospital Regional Lead Treatment Center</td>
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[Connecticut Energy Efficiency Fund](www.ctenergyinfo.com)
Why We Collaborate

1. Increase the number of interventions by stretching dollars further
2. One-touch mindset: fix, refer, or educate
3. Provide access to multiple services at once
4. Change deferrals to referrals
Example 1: Coordinated Scope

Property owner applies to LAMPP for lead abatement; windows to be replaced for lead

UI approves customer, sends CTEHII vendor out to perform audit

LAMPP submits application + income verification affidavit to UI

UI tells LAMPP what CTEHII can pay for
- Example: Replace 5 of 10 windows for energy efficiency

Coordinate on timeline

LAMPP can used $$ saved towards another home
Example 2: Deferral to Referral

- **Enfield, CT**
  - CTEHHI audits performed simultaneously with LAMPP healthy homes assessments

- **Audit**
  - CTEHHI forced to defer weatherization due to severe conditions

- **Defer**
  - Owner will apply to LAMPP to resolve health and safety risks

- **Refer**
  - CTEHHI will return to weatherize units once hazards are remediated

- **Return for Wx**
  - Without collaboration, no work would have been done
Tools: Current Status Assessment

### CTEHHI – Current Status Assessment – Grant Partners

1. Organization Name:

2. Service Territory:

3. Scope of Services (check or highlight all that apply):
   - Weatherization/Energy Efficiency
   - Rehabilitation/Renovation
   - Affordable Housing Development
   - Lead Remediation/Abatement
   - Asbestos Removal
   - Mold
   - Pest Control
   - Radon
   - Carbon Monoxide
   - Injury Prevention
   - Homeownership Counseling
   - Lead Screening (people)
   - Lead Treatment
   - Case Management
   - Training (please specify):
   - Other (please specify):

4. What does the scope above include?

5. What are your current income and other eligibility requirements?

6. What type of assessment do you currently perform in a home?

7. Are you currently referring low-income units to UI and/or CL&P for weatherization?
   - Yes
   - No

8. Are you currently referring low-income units to other health and safety-related entities to address additional scope areas?
   - Yes
   - No
   Please specify:

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17. Please briefly describe the process of performing services on a home, from identification to completion of scope.

18. What is the average time spent on process before work can begin in a home?

19. What is the average time spent in a home to complete the scope of work?

20. Based on your current process, at what point is it appropriate for an energy assessment or weatherization to occur?

21. What information are you currently tracking for a project, and how is it being tracked?

22. What are the gaps you perceive in the current system, within your program or others?

23. Please rank your top five priorities in terms of what you would consider success for CTGHMI [1 being the highest]:

<table>
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<td>Creation of a shared healthy homes assessment tool</td>
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<td>A system for coordinating work from multiple entities in one home (One-Touch)</td>
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<tr>
<td>A system for coordinating funding from multiple entities in one home</td>
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<tr>
<td>A systemized referral process for work that can't be accomplished through partners' scope, including knowledge/inventory of programs and funding sources</td>
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<tr>
<td>A vendor network that is cross-trained and certified in Healthy Homes</td>
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<td>A best practice model that can be sustained in Connecticut and replicated nationally</td>
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<tr>
<td>An innovative, sustainable partnership among grant partners</td>
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<tr>
<td>A model for coordinating funding to leverage additional federal and state funds</td>
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<tr>
<td>A model that utilizes existing funding in a way that allows more homes to be served</td>
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<tr>
<td>Other (please specify):</td>
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Summary

• Consider energy efficiency as the eighth principle of a healthy home
• One-touch mindset: fix, refer, educate
• Partnerships are crucial
  – Better for the customer
  – Stretch dollars further
  – One-touch
• Advocacy funding
Thank You!

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