Opportunity for Partnership: Addressing the energy needs of low income households

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The Tenement Problem: 1890

A Man in His Tenement, Jacob Riis, 1890
Affordable housing and energy: 2017
Objective

• To identify barriers to LMI inclusion in clean energy solutions, particularly energy efficiency
• To identify solutions, particularly those found in public-private-philanthropic partnership
Support for low-income energy needs (national level)

- Bill assistance (81%)
- Energy efficiency (14%)
- Unspecified (5%)

ACEEE, Building Better Energy Efficiency Programs for Low-Income Households (2016)
Low-income energy assistance (state level)

- ~$700M annual energy assistance
- ~15% for weatherization/EE

2,300,000 households eligible for energy assistance

1,400,000 households receive HEAP benefit

20,000 households receive weatherization/EE
Discussion

• Describe the needs of low income households in your community (quantitative and qualitative).
• How do you prioritize needs?
• What barriers prevent your organization from meeting those needs?
• What can be done to addresses deferrals among energy efficiency program applicants?
Discussion (2)

• How can efficiencies be achieved, lowering the unit costs of energy programs?
• How do you measure impact, and how might these measures be improved?
• What are the other organizations in your zone that serve the same communities?
Discussion (3)

• What challenges and successes has your organization experienced in obtaining funds?
• What learning or models from other regions can inform our approach?
• What alliances can be formed to foster more effective response to common needs?
# Philanthropic Landscape: Size

<table>
<thead>
<tr>
<th></th>
<th>($ in billions)</th>
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</thead>
<tbody>
<tr>
<td><strong>Foundations</strong></td>
<td></td>
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<tr>
<td>Foundations in US</td>
<td>87,000</td>
</tr>
<tr>
<td>Foundations Annual Grants</td>
<td>$47</td>
</tr>
<tr>
<td>Program Related Investments</td>
<td>$.6</td>
</tr>
<tr>
<td>Grant to NY recipients from NY foundations</td>
<td>$.1</td>
</tr>
<tr>
<td>Foundations Endowments</td>
<td>$800</td>
</tr>
<tr>
<td>Engagement in MRI</td>
<td>41%</td>
</tr>
<tr>
<td>Non-Governmental Organizations in US</td>
<td>1,300,000</td>
</tr>
<tr>
<td><strong>Impact Investing</strong></td>
<td></td>
</tr>
<tr>
<td>Sustainable, Responsible, Impact Investment in US (2014)</td>
<td>$6,600</td>
</tr>
<tr>
<td>SRI (2012)</td>
<td>$3,700</td>
</tr>
<tr>
<td>SRI with environmental investment factor (2014)</td>
<td>$3,000</td>
</tr>
<tr>
<td>Labeled Green Bond Issuances (2014)</td>
<td>$37</td>
</tr>
<tr>
<td>Green Bond Issuances (2012)</td>
<td>$2</td>
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</tbody>
</table>

Sources: Foundation Center, Forum for Sustainable and Responsible Investment
# Philanthropic Landscape: Actors

## Community/Housing/LMI
- NYCT
- Calvert Fdn
- Contact Fund
- Reinvestment Fund
- Robert Wood Johnson
- Kellogg
- Opportunity Finance Network
- Oshei

## LMI
- JBP
- Rockefeller Brothers
- Heron
- Dyson
- Heinz
- Ford
- Bullitt

## Corporate Investment
- CERES
- CREO
- PRIME
- Confluence Philanthropy
- Big Path Capital
- DBL Investors
- Ecosystem Integrity

## Energy Efficiency
- Energy Fdn
- SURDNA
- Packard
- Heron
- Chesonis
- Kresge
- Joyce

## Climate Change
- McArthur
- Hewlett
- Clinton
- Grantham
- Skoll
- KR Fdn
- Oak Fdn
- Robertson
- Nathan Cummings

## Cities
- Bloomberg
- Living Cities

## Research
- Sloan
- Park

## Transport
- Hewlett
- Google

## Agriculture
- ImpactAssets
- Cargill

## Financial / CDFI support
- Citi
- Goldman Sachs
- JP Morgan Chase
- Deutsche Bank Americas
- M&T
- Mizuho Bank USA
- MetLife
- BoA
- Capital One

## Policy
- IIPC
Utilities – Pay as you Save

**PAY AS YOU SAVE® (PAYS®)**

PAYS offers all utility customers the option to access cost effective energy upgrades using a proven investment and cost recovery model that benefits both the customer and utility.

- **UTILITY**
- **CAPITAL PROVIDER**
- **UTILITY**
- **CDFI?**

**ON-BILL COST RECOVERY TIED TO METER**

**METERED SITE**

**SOLUTION PROVIDERS**

Consumers Choose Among Competitors

**INVESTMENT IN UPGRADES**

**CUSTOMER: CURRENT & FUTURE**

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Clean Energy Works
Environmental Impact Bonds

NY Utility Bill Assistance: >$500M

DC Water: The Nation's 1st Environmental Impact Bond

“Metrics in environmental science are such that outcome proxies can be projected with greater confidence as opposed to social metrics and services.”