Residential Energy Labeling and Financing Workshop:

Bridging the Gap in Labeling and Financing
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NORTHEAST ENERGY EFFICIENCY PARTNERSHIPS
“Accelerating Energy Efficiency”
MAKING ENERGY USE TRANSPARENT

Working to expedite the creation of large-scale home energy labeling policies and programs that support the market valuation of energy efficiency in homes.
POLICIES + PROGRAMS

Implementation

proposed Leg.

*ME actual

Pilot

Discussion
• **Real Estate checklist**
  – Understanding and selling benefits of E.E. home
  – Glossary
  – How to understand energy labels and ratings
  – Checklist for Home Walkthrough

• **Trainings**

• **Greening MLS’s**

<table>
<thead>
<tr>
<th>Types of Equipment</th>
<th>Efficiency Factors</th>
<th>Worth Calling Out</th>
<th>Expected Savings/Benefits</th>
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| Light Fixtures     | # ENERGY STAR Qualified Light fixtures
  Replacing the five most frequently used light fixtures in a home with ENERGY STAR qualified lighting can save about $65 each year in energy costs. |
|                    | ☐ | ☑ ENERGY STAR Qualified Light Fixtures |
|                    | ☐ | ☑ ENERGY STAR Qualified CFLs |
| Lighting controls  | Occupancy sensors? How many? |
| Daylighting        | Strong daylighting/natural light |
|                    | ☐ | ☑ Ample natural light |

Use 1/4 the energy of traditional lighting and carry a two year warranty; double the industry standard.

ENERGY STAR qualified CFLs generate about 75% less heat. Meaning they are cool to the touch, help reduce home cooling costs, and keep homes more comfortable.

Occupancy sensors are used most effectively in spaces that are often unoccupied, and can reduce lighting energy consumption by 50%.

Electric lights generate significant heat and by turning off or dimming the lights when not needed, 10% to 20% of the energy used to cool a building can be saved.
HELIX - OVERVIEW

Home Energy Labeling Information eXchange

- 3 year project
  - VT, MA, VEIC, EFG, NASEO, VT Law School & DOE

- Database design and development
  - New England + New York
    - Testing
    - Regional best practice exchange

- Outreach to R.E Community
Right now: Data? ☑  MLS fields? ☑
Energy info for home buyers? ☒
2018: Info homebuyers/sellers want where they need it, when they need it.
Project Timeline

Year 1: Research and Scoping
- Start: 4/1/2016
- Today

Year 2: Development and Testing
- Select database developer
- Start building HELIX: 3/31/2017
- Finish alpha testing
- Commence beta testing: 9/29/2017

Year 3: Full Implementation
- Enact operational policies
- Launch HELIX v1.0: 3/30/2018
- Complete long-term HELIX ownership plan: 9/28/2018
- Execute short- and, long-term business plans: 3/29/2019
- Finish: 3/29/2019
HELIX Summit

Save the date: November 10 Boston!

More info to come!
To stay informed and be added to stakeholder list please contact: ctaylor@neep.org
In the modern real estate marketplace, buyers and renters can sort and filter listings of potential buildings for myriad characteristics. However, energy efficiency and other energy features are rarely among these. The value of energy efficiency in homes, offices, and other buildings has historically not been effectively communicated between the property owner, real estate broker, appraiser, lender, and buyer due in large part to a lack of consistent tools to facilitate this exchange. In recent years, though, considerable advances have been made to streamline this process, enable accurate valuation of building energy efficiency in real estate transactions, and make energy efficiency visible.

**Green Real Estate Resources:**

NEEP supports this “greening” of the real estate market by providing resources for on-the-ground real estate professionals tailored to the needs of the Northeast and Mid-Atlantic residential and commercial real estate markets.

- Real Estate Professionals Checklist
- Renter’s Guide: Creating Lower Cost, Energy Efficient Apartments and Homes
THANK YOU!

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