Northeast Energy Efficiency Partnerships

“Assisting the Northeast & Mid-Atlantic Region in Reducing Total Carbon Emissions 80% by 2050”

**Mission**

Accelerate energy efficiency as an essential part of demand-side solutions that enable a sustainable regional energy system

**Vision**

That the region embraces next generation energy efficiency as a core strategy to meet energy needs in a carbon-constrained world

**Approach**

Overcome barriers and transform markets through *Collaboration, Education, and Enterprise*
About NEEP
A Regional Energy Efficiency Organization

One of six REEOs funded in-part by U.S. DOE to support state and local efficiency policies and programs.
Challenge & Opportunity!
New York & New England Housing

2014 TOTAL CARBON EMISSIONS IN NEW ENGLAND AND NEW YORK

- Electric Power: 18%
- Residential: 20%
- Commercial: 12%
- Industrial: 6%
- Transportation: 44%


- Natural Gas: 56%
- Petroleum Products: 44%
- Coal: 0%
Home Energy Labeling Information Exchange (HELIX)
Goal: Connect Home Energy Investments to Property Values
Technical Design & Development

Stakeholder Engagement

Governance, Ownership, Privacy

Real Estate Outreach, Training
The purpose of this project is to develop a database capable of automatically populating real estate listings with home energy information from Home Energy Score and other sources when it is available and approved by the seller. We are calling this database the Home Energy Labeling Information eXchange, or HELIX for short.

Highlights of HELIX Database

**Manual Data Upload**
Get started using HELIX by uploading your properties and certifications list. Make sure these files are each in .csv, .xls, .xlsx, or .xml format. The HELIX Platform will help you map and validate your data in the process.

**Auto-Load**
Automatically update your property list with new records retrieved from the Department of Energy's Home Energy Score API.

**Easy Export**
Use HELIX's built-in API to export data to multiple listing systems and data vendors.
The Platform!
Policy
Connecticut

• Goal: 80% homes weatherized by 2030
• 1st in Nation
• Over 21,000 Home Energy Scores to date
• Draft Comprehensive Energy Strategy

What is Your Home's Energy Score?
Designed for existing homes, the Home Energy Score is similar to a vehicle's miles-per-gallon rating. The score, developed and administered by the U.S. Department of Energy, allows you to compare the energy performance of your home to other homes nationwide.
Beta Testing
MLS: NEREN

- Covers Multiple states
- PV data – Vermont
- Home Energy Score? Other information?
What next?

**Helix** (2014 - 2015)

**Average Tomatometer**

- **All Critics**: 82%
- **Top Critics**:

**Average Audience Score**

- **70% liked it**

**Series Info**

A thriller about a team of scientists thrust into a potentially life-or-death situation after being deployed to the Arctic to secretly investigate what could be a disease outbreak.

More

Creator: Cameron Porsandeh
Starring: Billy Campbell, Kyra Zagorsky, Jordan Hayes
Outreach & Education

• **Matrix & Materials**
  • Different market actors
  • Educational opportunities
  • Collateral – state specific (one pagers, fact sheets)
    – Recommendation from HAC

• **CEU course outline**
  • Approved course
  • Real Estate Professionals
    – Appraisers
Virtual Summit
November 15

https://register.gotowebinar.com/register/5763339071976047361
THANK YOU!

CAROLYN SARNO GOLDTTHWAITE

CGOLDTHWAITE@NEEP.ORG

@SARTHWAITE

MORE INFORMATION

www.neep.org
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