

clean energy worksSM
PORTLAND



Data Collection & Analysis

Marlowe Kulley
Portland Bureau of Planning & Sustainability

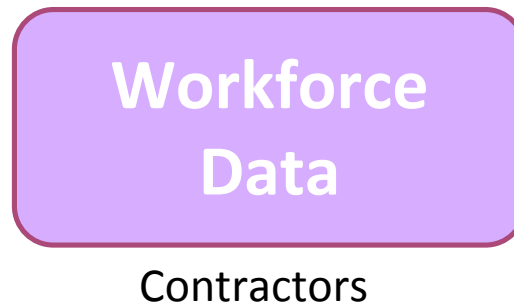
DOE Conference | May 20, 2011 | Arlington, VA

Clean Energy Works Portland



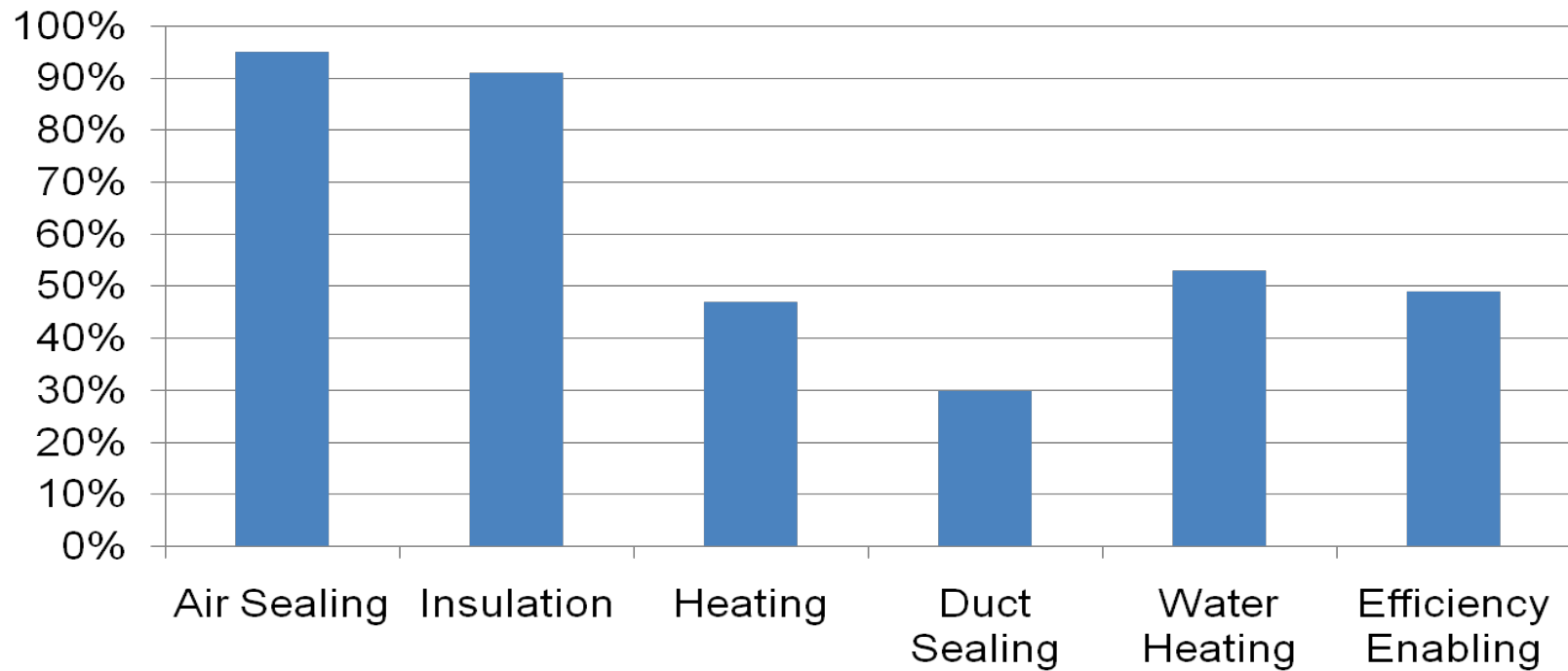
- 500-home pilot
- Pre-qualified contractors
- Measure-based incentives
- Community Workforce Agreement
 - Goals and tracking on workforce diversity

CEWP Tracking & Reporting



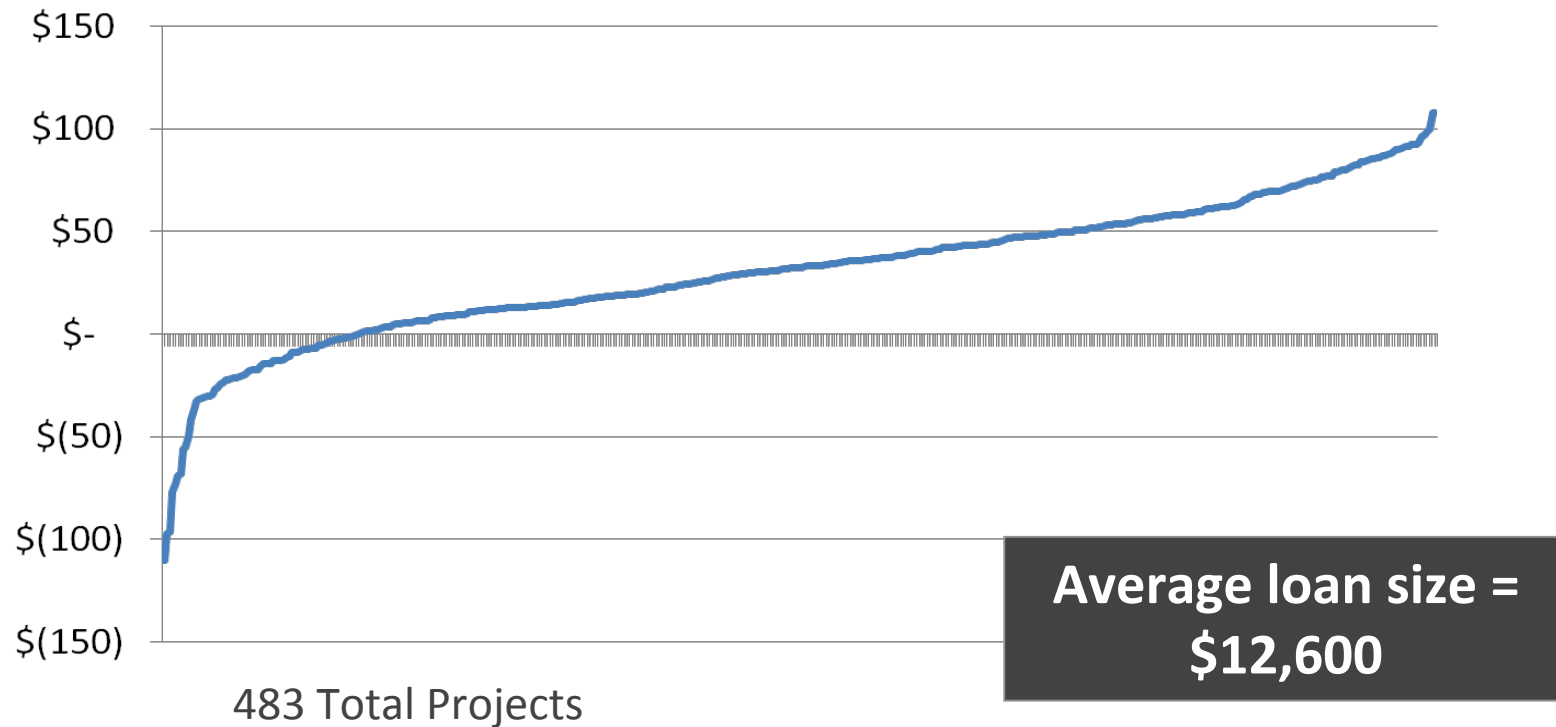
CEWP Project Analysis

Which measures were most popular?



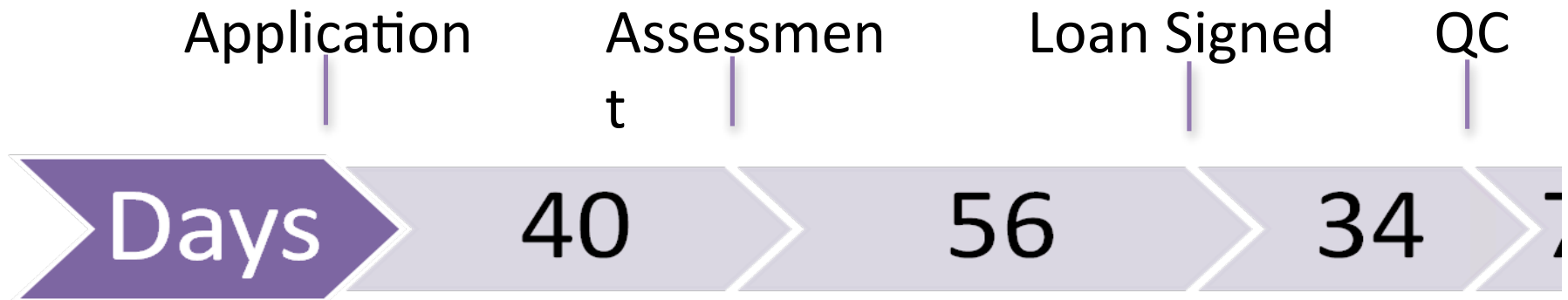
CEWP Project Analysis

Monthly utility bill impact



CEWP Project Analysis

How long did the average projects take?



CEWP Workforce Analysis

Worker hours by trade, ethnicity, gender

MWESB Primes Employees	Hispanic	American Indian	Asian	African American	Pacific Islander	Caucasian	Female
ESB	12	0	5	4	1	45	8
WBE	0	0	0	0	0	0	0
MBE	12	1	1	8	0	16	8
MWESB Subs Employees							
ESB	4	0	0	0	0	10	0
WBE	0	0	0	0	0	0	0
MBE	5	1	0	3	2	7	2
Employee Hours							TOTAL
Weatherization Worker	19632.47	27.00	1457.75	3993.50	107.25	19940.08	45158.05
Carpenter	339.50	0.00	0.00	0.00	0.00	864.30	1203.80
Doors and Windows	0.00	0.00	0.00	0.00	0.00	888.50	888.50
HVAC	67.50	0.00	838.00	0.00	252.00	4944.40	6107.15
Electrician	19.00	0.00	0.00	72.50	0.00	870.33	961.83
Plumber	238.50	81.00	0.00	0.00	81.25	1114.25	1515.00
TOTAL	20296.97	108.00	2295.75	4066.00	440.50	28621.86	55834.33
Female Employee Hours							TOTAL
Weatherization Worker	397.00	0.00	628.00	104.00	0.00	3972.80	5101.80
Carpenter	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Doors and Windows	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HVAC	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electrician	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Plumber	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	397.00	0.00	628.00	104.00	0.00	3972.80	5101.80

CEWP Workforce Analysis

Community Workforce Agreement Goals

Average Wage: \$20.34

Total Project Dollars to Contractors: \$7.3 M
Dollars to Women & Minority Owned Firms: 23%

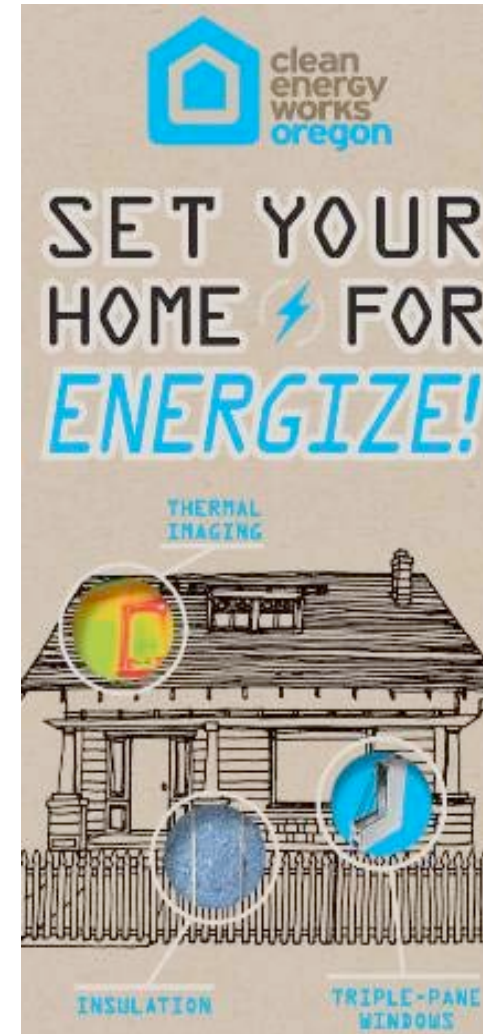
Total Technical Hours: 55, 910
Hours Worked by Women & Minorities: 59%

Total Construction Workers: 395
New Construction Jobs: 29

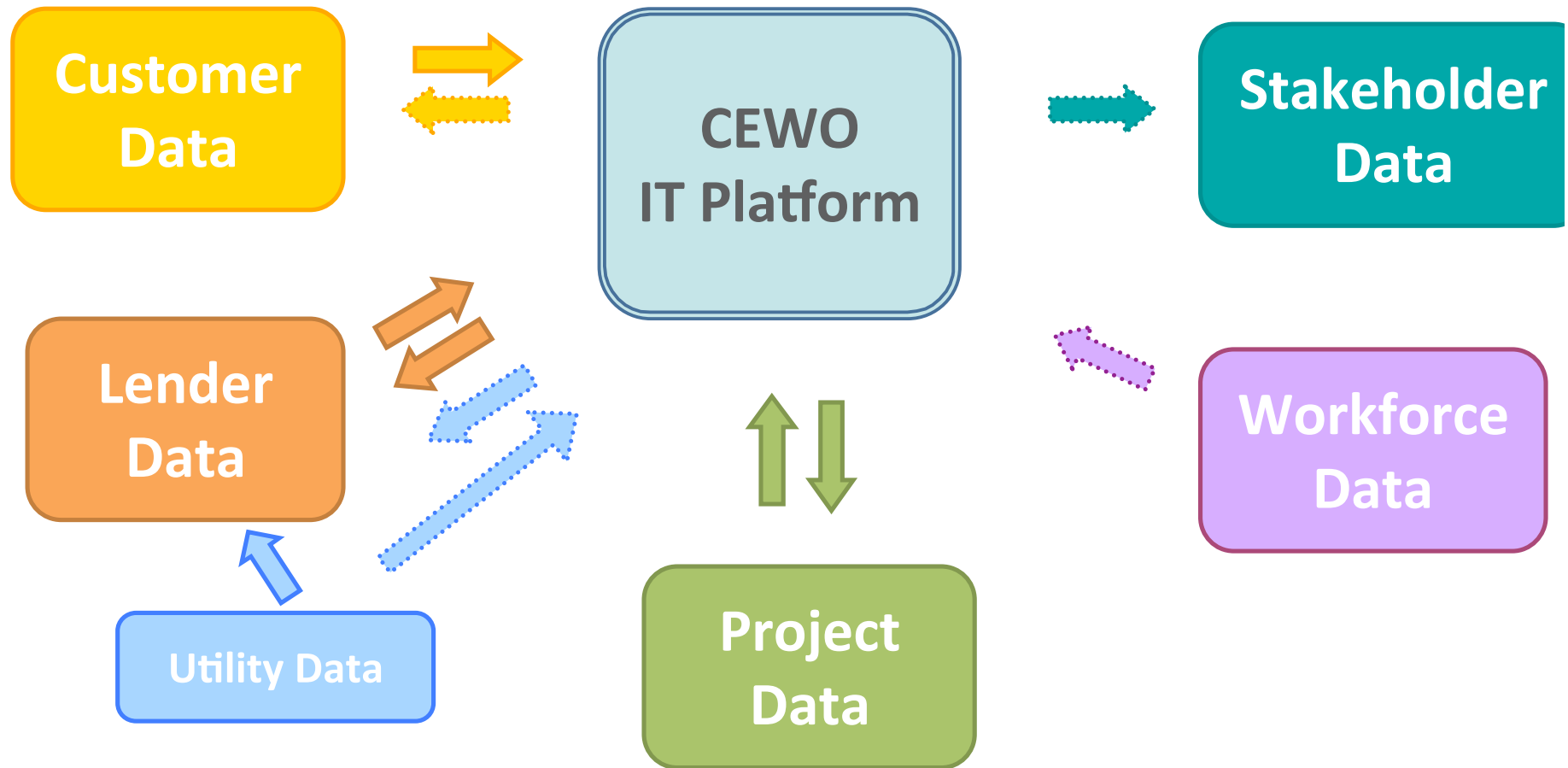
Contractors Providing Health Insurance: 59%

Clean Energy Works Oregon

- \$20 M BetterBuilding grant
- 6,000 units in 3 years
- Pre-qualified contractors
- Energy-saving based incentives
- High Road Standards
 - Goals and tracking on workforce diversity and labor practices



CEWO Tracking & Reporting



CEWO IT Platform

- Core functionality
 - Online customer application
 - Project tracking
 - Dashboard
 - Localized offerings



HOMEOWNER APPLICATION

- 1. Create Account »
- 2. About Your Home »
- 3. Financing »
- 4. Done!



Protecting your privacy is important to us. Please create an account to keep your personal information safe and secure. You'll also be able to save your application if you need to finish it later.

Instant Rebate Code

What is an Instant Rebate Code? [Learn more...](#)
Don't have one? [Click here to get your Instant Rebate Code](#)

Zip Code

First Name

Last Name

Phone Number



[Log in](#)

YOUR PROJECT

WELCOME TO YOUR PROJECT DASHBOARD

Check back in the coming months to view and manage your project status. Your Project Dashboard notifies you of your next step, provides contractor and energy advisor contact information, and serves as your document archive - home to your critical paperwork, including your Home Energy Assessment report, your bid/cost estimate and your loan documents.

Coming Soon!

Your Project Dashboard gives you up to minute information on your Home Energy Remodel including:

- Project Status
- Next Step Notifications
- Contractor Contact Information
- Energy Advisor Contact Information
- Project Document Archive

Get your Project Dashboard when you get approved!

[Apply Now >>](#)

Getting Started

- 4 Easy Steps
- Is My Home Eligible?
- If You're Not Eligible

Homeowner Benefits

- Help With Financing
- Independent and Objective Advice
- Certified Contractors

Did You Know?

When you participate in CEWO you help create family-supporting jobs.

Your Project

1. Analyze

2. Finance

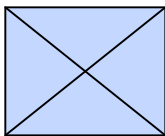
3. Transform

4. Enjoy

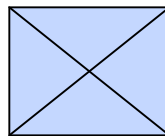
Analyze

Its time to schedule your FREE Home Energy Assessment – a \$500 value. It's an in-depth, 4 hour assessment of your home's energy performance that removes the guesswork by pinpointing energy saving opportunities. A Building Performance Institute (BPI) certified contractor, who's monitored by your independent and objective Energy Adviser, will bring the best of building science, and identify whatever needs fixing.

Your Team



John Doe
Energy Advisor
503-555-1234



Jane Doe
Contractor
503-555-1234

Your Documents

- [Approved application](#)
- Assessment Report
- Bid





Hi Bob Builder! Log out

- Dashboard
- News
- Tasks 5 0
- Settings

Task for Johnny Cash is past due and needs your attention. Update the task.
 Task for Scott Case is past due and needs your attention. Update the task.
 Task for John Wayne is past due and needs your attention. Update the task.
 Task for Norman Rockwell is past due and needs your attention. Update the task.

News

[See All News »](#)

New Better Buildings Website Launching Next Week

March 2, 2011

I hope you're excited, we're going to be launching the Better Buildings Website next week.

[Read more »](#)

Tasks

[See All Tasks »](#)

Homeowner	Type	Act By
! Johnny Cash	Retrofit	April 18, 2011 <small>Past Due</small>
! Scott Case <small>Seattle, OR</small>	Test-in audit	May 1, 2011 <small>Past Due</small>



Dashboard

Welcome Anna! | [Dashboard](#) | [Admin](#) | [Logout](#)

New applicants

[New applicants](#) | [Homeowners needing attention](#) | [On-track homeowners](#) | [Closed homeowners](#)

Homeowner	Apply date
2011, 0322 123 main street, portland, OR 97217	03/29/2011
Hulet, Andre 55 8, Portland, OR 97212	04/07/2011
hope, bob 555 evergreen terrace, seattle, OR 97217	04/14/2011
loprinzi, rebecca 55445 e. Kirkwood Rd, sandy, OR 97055	04/26/2011

Homeowners needing attention

[New applicants](#) | [Homeowners needing attention](#) | [On-track homeowners](#) | [Closed homeowners](#)

ID	Homeowner	Status	Updated	Stage	Owner
27	Smith, Suzy	Left message #1	04/27/2011	Intake	Anna CSR
3	Blattler, Ed 802 NE Failing Street, Portland, OR 97212	Needs assignment	05/11/2011	Bid acceptance	Anna CSR
4	Magnuson, Eric 222, portland, OR 22222	Needs assignment	02/04/2011	Test-in audit	Anna CSR
8	Smith, John	Needs assignment	03/08/2011	Loan disbursement	Anna CSR



12085 SW 135th Avenue
Suite 63, Tigard, OR 97223
Peter Tofalvi 503.430.0640
info@abacusenergysolutions.com

Introducing A HOME ENERGY REMODEL

NO MONEY DOWN • INSTANT REBATES up to ~~\$3,700~~

\$4,700!

\$1,000
EXTRA FOR
INTERSTATE AND
LENTS

1 > WHAT'S INVOLVED

We've been selected by Clean Energy Works Oregon (CEWO) to transform homes into efficient, energy-saving machines, including:

- TANKLESS HOT WATER HEATER
- TRIPLE-PANE WINDOWS
- STATE-OF-THE-ART HEATING SYSTEMS
- AIR AND DUCT SEALING • INSULATION

2 > NO GUESSWORK

- FREE Home Energy Assessment conducted by our certified team will pinpoint areas where your home is wasting energy – that's a \$500 value.
- An Energy Advisor from Clean Energy Works Oregon will provide you with objective guidance through the process.

3 > SIMPLE, AFFORDABLE FINANCING

No money down financing is part of the package. A low fixed rate payable through your heating bill* is available along with incredible savings.

INSTANT REBATES UP TO \$4,700!

– \$3,200 Energy Upgrades**

– \$500 Home Energy Assessment

No Fee Financing

– \$1,000 Neighborhood Grant

Limited to first 250 approved homeowners in the Interstate and Lents neighborhoods!™

APPLY NOW

to reserve your savings
at CEWO.org with the code below:

INSTANT REBATE CODE

CNABA



Thanks

Marlowe Kulley

Portland Bureau of Planning & Sustainability

503-823-3919

Marlowe.Kulley@portlandoregon.gov