

Energy Code Compliance for the 21st Century: A Showcase of Electronic Tools

Marin County Civic Center
December 10, 2015



ABAG
ASSOCIATION
OF BAY AREA
GOVERNMENTS



BAY Regional
AREA Energy
Network

WIFI Network: cguest Username: cguest Password: guestcom

BayREN (Bay Area Regional Energy Network)



- Comprised of public agencies representing all nine counties in the Bay Area
- Draws on the expertise, experience, and proven track record of local agencies and their staff
- One of only two regional energy networks in California
- Funding provided by the California Public Utilities Commission (CPUC)

Programs



- Single Family Retrofit with Home Upgrade
- Multifamily Retrofit & Financing
- Pay-as-You-Save Water Efficiency
- Commercial PACE
- Codes and Standards

Codes and Standards

- A joint effort of Bay Area local governments to achieve full compliance with provisions of the California Energy Code
- A locally driven effort to reduce energy use in buildings through improved design and construction

Codes and Standards



- **Training:** Provide support for building industry representatives at **no-cost** to better implement energy code



- **Compliance Improvement:** Investigate areas for improvement in code enforcement processes & offer solutions



- **Policy:** Share best practices & develop regional resources for going above code

C&S Impacts

- **Training: 126** Energy Code Trainings with strategies for enhancing compliance
 - 966 attending building department staff and building professionals
- **Compliance Improvement: 24** visits to building dept.
 - Resources to promote a greater understanding of the 2013 energy code
 - Best practices to implement the energy code and navigate requirements with maximum efficiency
- **Policy: 19** Regional forums to engage stakeholders
 - Over 600 attending local government staff, policy leaders, and local building professionals

Today's Forum

- Topic developed as a result of previous forum, “Collaboration on Energy Code Interpretations: Shared Challenges and Solutions”
- Electronic tools identified as a leading solution to increasingly complex energy code
- Opportunity for building industry reps to learn about available resources and tools designed to simplify compliance

Today's Goals

- **Get inspired** – projects that exceed the energy code are achievable
- **Learn** about tools and resources are available to help you at work
- **Interact** – meet your colleagues and resource providers and ask questions!

Today's Agenda

- 9:00 a.m. – 9:15 a.m.** **Welcome and Introductions**
- 9:15 a.m. – 10:00 a.m.** **Keynote Address**
Graham Irwin, Essential Habitat
- 10:00 a.m. – 11:00 a.m.** **Product Snapshot and Demonstration**
Chris Bradt, BKi on behalf of BayREN
Kim Goodrich, CodeCycle
Misti Bruceri, Misti Bruceri & Assoc., LLC/Energy Code Ace
Stephanie Egger, Autodesk
- 11:00 a.m. - 11:50 a.m.** **Mini-Expo featuring Live Tool Demos**
*Attendees are welcome to meet product representatives,
test exciting electronic tools and resources, and network.*
- 11:50 a.m. - 12:00 p.m.** **Closing Remarks**

Mini-Expo Stations

Table A BayREN

Table B Codecylce

Table C Energy Code Ace

Table D Autodesk

All presentations & materials can be downloaded
following the meeting at:

www.bayren.org/codes/regional-forums