

Building Regulatory Capacity for Change

PRESENTED BY

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“How to identify and review laws relevant to buildings and find places and opportunities that can accept changes that would support building energy objectives”

Presentation Highlights

- Rulemaking
- Community and Stakeholder Identification To Support Code Changes
- Engagement: Building Capacity for Change
- Pay It Forward

RULEMAKING :

Plan Development and Research of Laws Relevant to Buildings

- How is it conducted?
- 'Landscape' Review
- Key words or phrases to look for
- Identify "home rule" jurisdictions
- Update and review cycle built in

'Landscape' Review:

Assess the Situation in Relation to Desired Outcomes

➤ Assess current policies

➤ Ask the question:

Does your state adopt and enforce residential and commercial building energy codes equivalent or greater than the national model codes: the 2009 International Energy Conservation Code (2009 IECC) and ASHRAE Standard 90.1-2007?

➤ Identify level of compliance with current codes throughout communities

• Key questions to ask :

- » What general policies already support or are complementary to energy codes?
- » What ordinances and regulations relate to energy codes?
- » What programs are provided by other utilities or regional agencies?
- » Where are the gaps?

➤ Cite model legislation

Notable Considerations for 'Rulemaking'

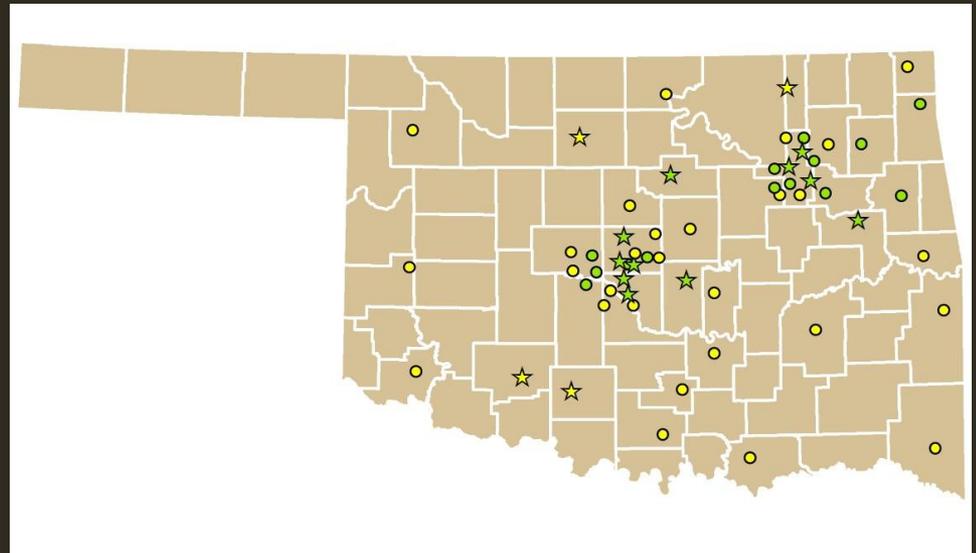
- *Amendments*
- *Code compliance with human operation*
- *Materials and products*
- *Choose certificate of occupancy or operational requirements*
- *Rating systems are not codes*
- *Enforceable and uniform*
- *Voluntary vs. mandatory*
- *Prescriptive vs. performance*

Strategy

- Set goals based on review
 - Ex: Oklahoma 10-15 communities to adopt/implement new code by 2012
 - *Be clear about voluntary vs. mandatory*
- PHASED APPROACH
 - Acknowledge change
 - Provide support
 - Understand all perspectives
- Identify responsible State Agency and/or Commission
- Create a Taskforce
 - Bring It Home*
- Establish milestones for every step/phase of the regulatory update

Community Research & Outreach

- Based on construction starts, identify communities with the most activity in recent years
- Locate existing organizations that support 'above code' practices
- identify 2-3 government representatives to contact
- Develop survey
- Follow up with phone calls and in person meetings



Industry Research and Outreach

- Identify homebuilders associations, construction trades, code council member organizations, educational institutions, workforce organizations
- Identify industry specific issues and "hurdles" expected to be encountered w/ code changes
- Survey

CALENDAR	
25 JUL	Oklahoma City Area Orientation
27 JUL	Tulsa Area Orientation
27 SEP	Bring It Home Project Orientation

Media Outreach & Messaging

➤ Media Outreach & Messaging

- Create a message that informs & is a platform for change
- Beneficial to community at large
- Encourage support
- Use terms familiar not acronyms

➤ Tools

- Website
- Marketing Materials
- Video/Commercial
- Social media

Goals and Objectives

1. *To reduce* energy consumption, costs and impact on the environment and economy across Oklahoma
2. *To educate* Oklahoma citizens about the benefits of energy efficient building and long-term cost savings associated with it
3. *To improve* homeowner's value by creating an asset that is economically and ecologically more efficient than traditional construction methods
4. *To insure* Oklahoma's workforce and building profession can compete in an energy efficient economy by increasing skills and knowledge of new technologies and best practices
5. *To deliver* a flexible, responsive program with a long-life expectancy by integrating the grant program's goals and results into the ongoing service offered by Oklahoma's higher education institutions, professional/industry associations and non-profits

Purpose of Bring It Home

The State of Oklahoma is facing an opportunity to update and modernize their current building codes to be in compliance with the requirements set forth by the State awarded American Recovery and Reinvestment Act (ARRA) funds through the State Energy Program (SEP), which was granted by the Department of Energy.

The Bring It Home team is seeking to partner with selected Oklahoma communities for the purpose of complying with the ARRA requirements through code adoption. These requirements include having at least 90% of new and renovated residential homes in compliance with the 2009 International Energy Conservation Code (IECC) by 2017.

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BRING IT HOME
Building an Energy Smart Oklahoma

Engagement: Building Capacity for Change

- Host strategic workshops to engage stakeholders (communities, professional and industry organizations)
- Draft 'letter of commitment' for interested communities to sign
- Training- ongoing



Pay It Forward

- Establishing a Legacy long after funding support is gone
- Building and Maintaining Partnerships
- Is the infrastructure in place?
 - State level enforcement
 - Technical training centers
 - Licensing and certification

**The energy question is not going
away, ...the built environment needs
to prepare for it"**

Elizabeth Plater-Zyberk