

Energy Code Best Practices

How to Establish an Energy Codes Compliance Collaborative

NASEO Buildings Committee
Webinar | April 17, 2012



Webinar Outline

- Maria Ellingson, BCAP
 - Introduction, background of project
- Ken Baker, K energy
 - How to Establish an Energy Codes Collaborative: Lessons from Idaho
- Crystal Nagyiski, DNREC
 - Delaware's experience
- Q&As



About BCAP

- Founded in 1994 as a joint initiative of

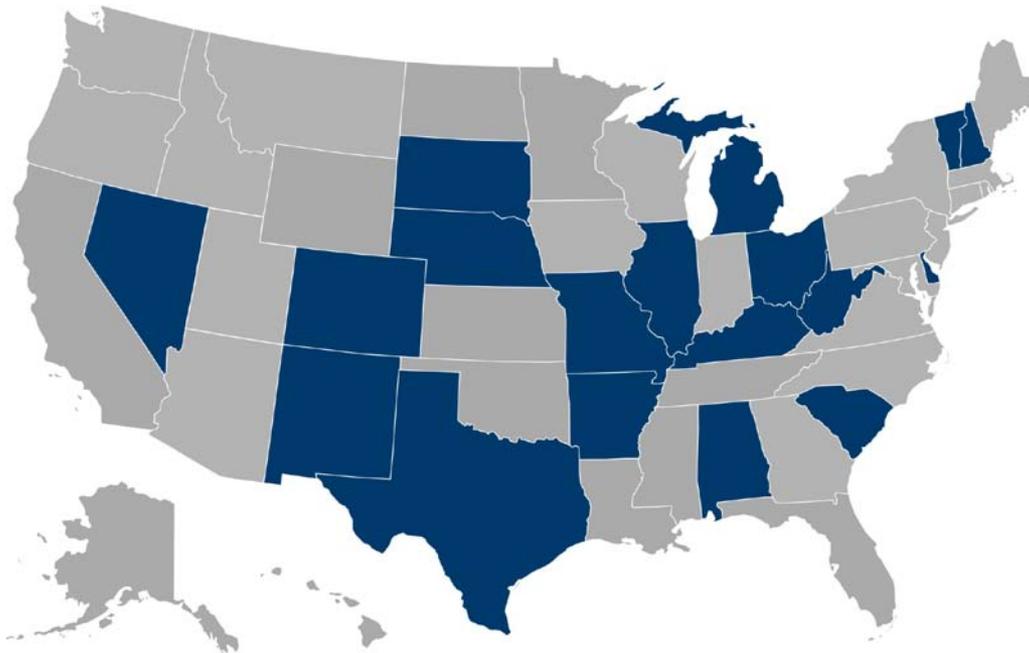


- HQ-ed at Alliance office in DC
 - Remote staff in Albany, Chicago, Atlanta, Toledo



Energy Codes Collaborative

- BCAP worked with 18 states to document gaps and best practices



- A best practice that emerged: the Energy Codes Collaborative
- BCAP currently working with Colo., Nev., N.H., Pa., & Tex. on establishing collaboratives



Energy Codes Collaborative through Collaborative Effort

Agenda

- What is an Energy Codes Collaborative
- Purpose of a Collaborative
- The Seven Steps to Get Started
- Influencing Compliance
- Finding Higher Value through Collaboration



What is an Energy Codes Collaborative?



- A group of **STAKEHOLDERS** that come together to explore **COMMON INTEREST** around energy code **ADOPTION** and **COMPLIANCE**



What is an Energy Codes Collaborative?

“The Idaho Energy Codes Collaborative includes state agencies, building officials, homebuilders, utilities, trade associations, universities and advocates. It serves as an on-going forum for discussion and an effective launching pad for action since its members are part of or have connections to virtually every organization in the state that works with or influences energy codes.”

- David Cohan, Northwest Energy Efficiency Alliance



Purpose of a Collaborative



- To work with all stakeholders that are willing to participate toward a common goal of energy code compliance for the purpose of achieving ultimate energy code value



Take Small Steps

- The collaborative probably won't begin as an agreeing and cohesive group
- So it may work well to **engage a core group** with common interests to get things going
 - *Note: This is a planning meeting for putting together a collaborative. This is not a strategy meeting for code compliance.*



Step I: Assemble a Collaborative Formation Group

- Bring together a small like-minded group that has a known interest in compliance
- This initial FORMING GROUP takes on the responsibility to initiate a collaborative—but this is NOT the collaborative
- Initial group's role is to:
 - Brainstorm potential stakeholders that need to be involved
 - Organize a first collaborative meeting – set time, date, location and build a meeting agenda



Step 2: Prepare for the Meeting

- Develop a meeting agenda with a clear purpose and clear outcome
- Enlist the aid of a professional and experienced facilitator to help you put together the agenda and facilitate the meeting
- Set a time, date and location that will work for interested parties to attend
- Consider a neutral location (e.g., a city or county meeting room; or possibly the HBA meeting space)

Purpose: Why you are meeting
Outcome: What you hope to achieve

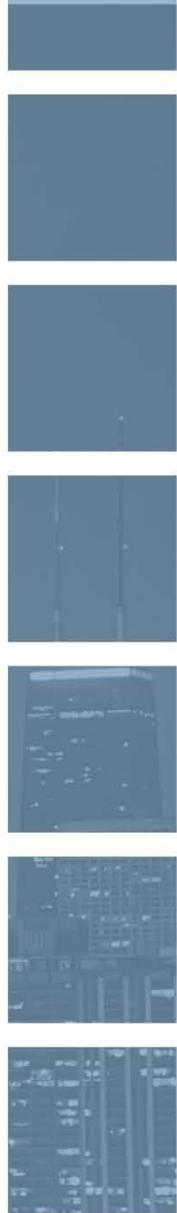




Step 3: Invite Interested and Crucial Representatives

- Though you don't want to exclude, you may want to limit the number of representatives from each group
- To help bring in attendance, you may want to ask a neutral but known party to extend the meeting invite

Be fair, be clear. If you plan to have two representatives per organization from your FORMING GROUP, allow other groups to send two representatives



Example Interested and Crucial Groups

- Whomever wants or needs to have a voice in energy code compliance
- Look for those groups or individuals that have a position on energy codes
- Or a group that has expressed an interest in energy codes

If you think there is a group or individual representing a group of interests that would derail the collaborative – MAKE SURE TO INCLUDE THEM



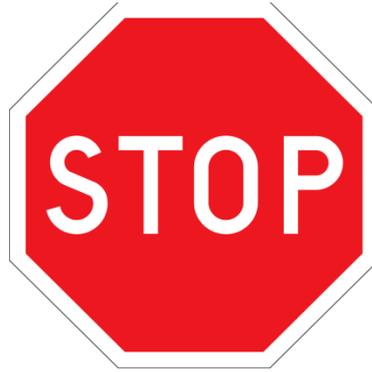
Examples of Crucial Stakeholders

- State agencies responsible for code implementation
- Representatives from builder groups
- Representative from architect and engineer associations
- Representatives from consumer protection groups
- Building official association representatives
- City and county association representatives

If everyone agreed on the value of energy codes all the time in every way, there would be no need for a collaborative



Step 4: Preparing for the Initial Meeting by Understanding Key Issues



- Did we talk about MEETING PURPOSE?
- The purpose of the first meeting is to provide everyone an opportunity to describe their interests and issues in energy code compliance
 - This discussion opportunity can be centered around a KEY ISSUE



Step 4: Preparing for the Initial Meeting by Understanding Key Issues

- You should know what the FORMING GROUP Key Issues are previous to going into the meeting. They should be identified on the agenda
- **A Key Issue may be something like:**
 - *Knowing that code compliance is a key issue to the Department of Energy, and that our Governor has agreed to achieving 90% compliance to the 2009 IECC, what can we do as a group to assure good compliance? In what time period? And, how will we know when we get there?*
 - This may be the one and only key issue for your first meeting. Discussion on this could be your entire first agenda.



Step 5: Initiate the Meeting

- This meeting is all about FORMING a collaborative
- Your meeting process needs to be followed
- Remember to be clear about purpose and outcome
 - *“We are here to discuss key issues to energy code compliance – Purpose”*
 - *“We would like to establish an on-going collaborative to discuss compliance issues – Outcome”*
- Job 1 is to listen to others so that they feel they are heard and as such want to continue this process
 - Seek separation of POSITIONS from INTERESTS



Determining Interest

- How to separate “Positions” from “Interests”
- It’s normal for a group like this to go through a process developed in 1965 by Bruce Tuckman:
 1. Forming
 2. Storming
 3. Norming
 4. Performing...

The first group commitment is to actually FORM as a group. Create interest for *forming* through listening to all interests (*storming*).



Step 6: Formalize the Collaborative

- You may not be a working TEAM yet but seek some level of agreement to continue working together
- You do not need to call yourself a collaborative
- You do need to keep the first meeting positive and outcome oriented



How to Avoid a Wreck

- Use a professional facilitator
- Listen to everyone and speak only when it's your turn
- Keep the first meeting short
- Identify and work toward common interests
- Holding the meeting over a sponsored breakfast or lunch works well
- You will still experience some STORMING



Step 7: Normalize and Seek to Perform

- Set up a second meeting with the purpose of setting performance objectives for your group to work toward
 - This is the “acceptance of leadership” phase. You will not move forward until you find common interest, goals and objectives, and then begin to move toward objective achievement.
 - Performance objectives should clearly indicate who will do what by when, what will it cost, and how it will be measured.



Step 8: Set Performance Objectives

- Determine your compliance goals:
 - Percentage of compliance desired, Quality of workmanship desired, etc.
- Determine who are the players:
 - Code jurisdiction, Designers, Builders, Sub-contractors, etc.
- Where does ultimate responsibility or authority lie?
- How will you measure compliance?
 - PNNL protocol?
 - Other
- What is the cost? And who pays?





How to Influence Energy Code Compliance

1. Form a working collaborative
2. Develop a Strategic Compliance Plan
 - Educate
 - Communicate
 - Set and meet Objectives
 - Document

Finding Higher Value Through Collaboration

- Understand who wins with code compliance
- Understand where the value lies . . .
 - The state
 - The community
 - The individual
 - Designers
 - Builders

Everybody wins when buildings are compliant with the energy code. Collaboration helps us understand the value of that winning.





Food for the Collaborative

- It takes \$\$ to keep a collaborative working
- Idaho dollars fund:
 - Statewide education and training
 - Support for jurisdictional training programs
 - Legislative education and advocacy
 - Development of an annual energy conference

The Northwest Energy Efficiency Alliance has provided funding for Idaho's Collaborative since its formation in 2001. DOE grants, and most recently the Bonneville Power Administration, have provided additional funding.



Accomplishments

- Examples of what the Idaho Collaborative has accomplished:
 - Lobbied successfully for state adoption of the 2000, 2003, 2006 and 2009 IECC
 - Supported statewide education and training
 - Currently developing a statewide “Value of Energy Codes” messaging program
 - Supported the formation of the pilot ICC Energy Code Ambassadors Program
 - Developed a code Circuit Rider program



Another Example from Delaware

- Crystal Nagyiski from the Delaware Division of Energy & Climate will provide an update on Delaware's current experience establishing an energy codes collaborative



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Q&A

- Please feel free to ask Maria, Ken or Crystal anything at all about their work or experiences with energy codes collaboratives
- Please type in your question in the sidebar or 'raise your hand' to ask directly

