ICC INTERNATIONAL CODE COUNCIL®

Code Development Process, Resources & New Initiatives

ICC Vision

Protecting the health, safety, and welfare of people by creating better buildings and safer communities.

ICC Mission

Providing the highest quality codes, standards, products, and services for all concerned with the safety and performance of the built environment.

The I-Codes

13 Codes

- **Building: IBC, IRC**
- **Fire: IFC, IWUIC**
- **Fuel Gas, Mechanical, Plumbing: IFGC, IMC, IPC, IPSDC**
- **Existing Buildings: IEBC, IPMC**
- **Specialty: IECC, ICC Performance, IZC**

Characteristics of International Codes

- **Each code is comprehensive**
- **All codes are coordinated and compatible with each other**
- **All codes are developed according to the same process in the same forum**
- **All codes reference consensus national standards**

Coordination of I-Codes

- **Defined scope of each code**
- **Interdependence and reliance on the entire family of codes - cross referencing and duplication of provisions within code scopes**
- **Issues resolved in a single and central public forum**
- **Single interpretation applies to all codes**

Development Process Goal

Utilize a process open to all parties with safeguards to avoid domination by proprietary interests.

ICC Governmental Consensus Process achieves this with the final vote resting with those enforcing the codes.

Code Committees

- **Materially affected interests represented**
- **Not less than 33% of each committee is to be regulators**
- **All meetings in public forum**
- **All actions and reasons for action published**

The Players

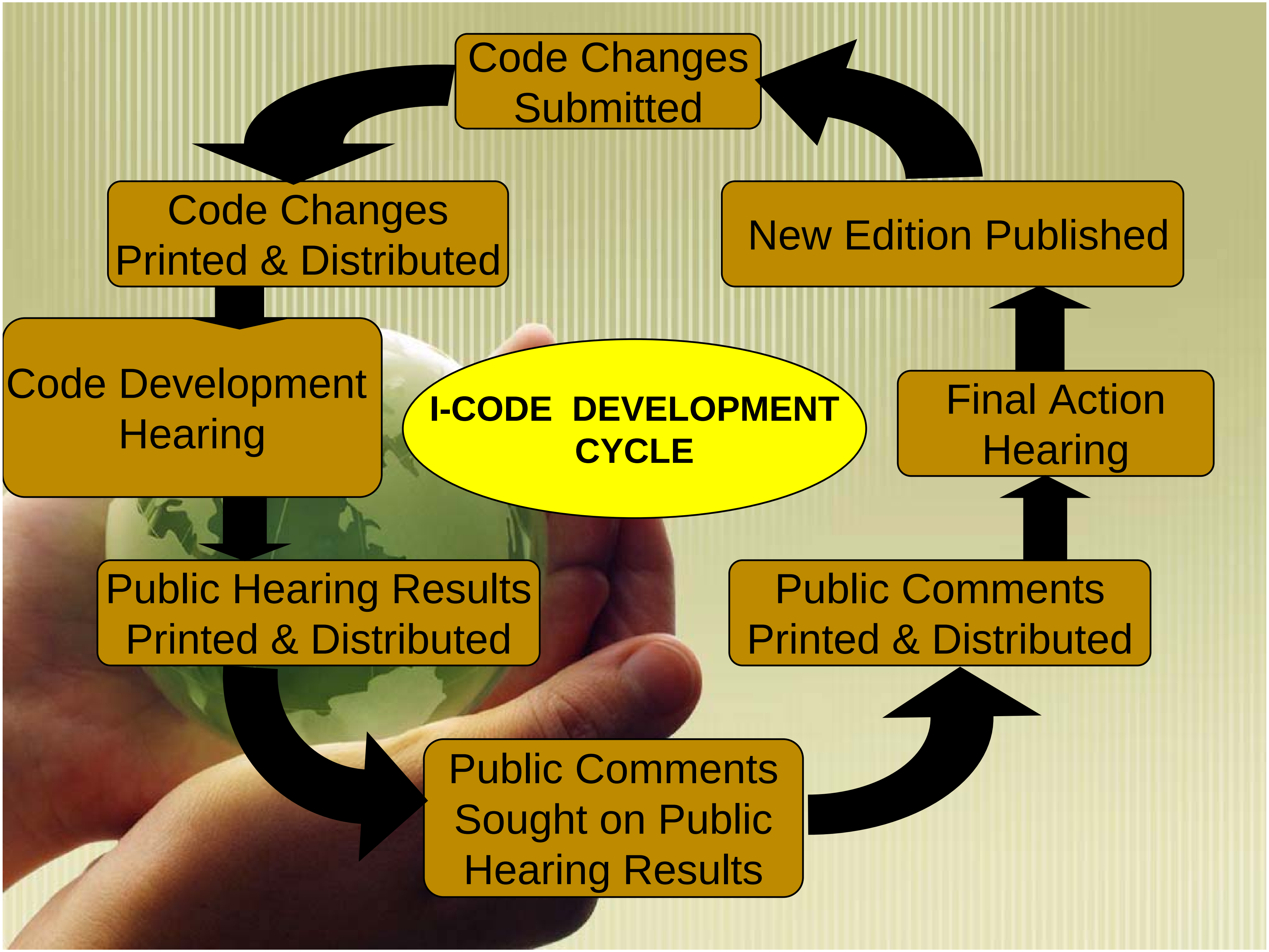
- **Code officials**
- **Design professionals/consultants**
- **Trade associations**
- **Builders/contractors**
- **Building owners/developers**
- **Manufacturers/suppliers**
- **Government agencies**
- ***Anyone with an interest***

The Process

- **Open**
- **Transparent**
- **Balance of Interests**
- **Due Process**
- **Appeals Process**
- **Consensus**

I-Code Coordination

- **ICC Code Correlation Committee (CCC)**
- **Duplication between codes, maintained by one code**
  - **Example: Sprinklers – Identical provisions in IFC Section 903 and IBC Section 903. In Section 903 of the IBC, there is an "[F]" prior to the section number. This indicates the provisions are maintained by the IFC Code Committee.**



I-CODE DEVELOPMENT CYCLE
Code Changes Submitted
Code Changes Printed & Distributed
Code Development Hearing
Public Hearing Results Printed & Distributed
Public Comments Sought on Public Hearing Results
Public Comments Printed & Distributed
Final Action Hearing
New Edition Published

The Procedures

- **All aspects of the ICC Code Development Process regulated by published procedures**
- **Council Policy (CP) 28 – Code Development**
- **Website link:**
  - **http://www.iccsafe.org/news/about/bylaws.html**

Steps in a typical code change cycle

- **Code changes due. Announcement posted on the website and other media. <u>Anyone</u> can submit a code change**
- **Staff review**
  - **Form and format: Legislative format**
  - **Proposals must be based on current text**
- **Publish**
  - **Website: Approx. 90 days prior to Code Development Hearing**
  - **Published: Approx. 60 days prior to Code Development Hearing ***

Code Change Submittal

- **Download Public Proposal form**
  - **http://www.iccsafe.org/cs/codes/publicforms.html**
- **Name and entity represented**
- **Proposed language:**
  - **Legislative revisions to current text: <u>Underline proposed new text</u> and strike out text to be deleted**
- **Reason for change**
- **Email file as an attachment to ICC – instructions on form**

Code Development Hearing

- **13 Code Committees. One for each code, except:**
  - **IBC 4 Subcommittees**
  - **IFC & IWUIC combined**
  - **IPC & IPSDC combined**
  - **IPMC & IZC combined**
  - **IRC 2 Subcommittees**
- **Anyone can attend and testify. No cost to attend the hearings**

Code Development Hearing

- **Committee action**
  - **Approval as Submitted (AS)**
  - **Approval as Modified (AM)**
  - **Disapproval (D)**
- **Assembly action**
  - **<u>All</u> members of ICC can vote in response to committee action**
  - **Successful assembly action results in an automatic public comment**

Report of Hearing (ROH)

- **Committee action**
- **Reason for committee action**
- **Assembly action**
- **Publish**
  - **Website: Approx. 30 days after Code Development Hearing**
  - **Published: Approx. 60 days after Code Development Hearing**

Public Comment Submittal

- **Public Comments on Report of Hearing (ROH) – due approximately 45 days after ROH published.**
- **Allows anyone to submit a comment in response to the results of the Code Development Hearing**

Public Comment Submittal

- **Public Comment form**

  http://www.iccsafe.org/cs/codes/publicforms.html
- **Disagree with the committee action**
- **Disagree with the assembly action**
- **Propose revisions ("modifications") to the code change. Further revisions proposed in legislative format.**
- **Published in the Final Action Agenda**

Final Action Agenda

- **Original code change with the committee action and assembly action (if any)**
- **Public commentors requested action, including any changes to the code change in legislative format**
- **Publish**
  - **Website: Approx. 60 days prior to Final Action Hearing**
  - **Published: Approx. 30 days prior to Final Action Hearing**

Final Action Hearing

- **Anyone can attend and testify. No cost to attend the hearings.**
- **Agenda:**
  - **Consent agenda: Block vote on all code changes which did not receive a public comment or successful assembly action**
  - **Individual Consideration Agenda: Vote individually on each code change which received a public comment or successful assembly action**

Final Action Hearing

Final vote on whether or not to change the code rests with the Governmental Member Representatives – those who adopt or enforce the code and are charged with the public's safety

- **Open, fair and objective with no proprietary interest**
- **All hearings are webcast, and available on the internet**

New ICC Code Process Logistics

- Code change deadline: First working day in January for the code group under consideration*
- • **Code Development Hearing**
- – Length reduced to 9 days (Weekend – Weekdays - Weekend)
- – Daily hearing schedule reduced to manageable number of hours per day
- – Modifications permitted: technical and editorial
- – Successful assembly action at the Code Development Hearing becomes the initial motion to be considered at the Final Action Hearing
- **–• Final Action Hearing**
- –– Length reduced to 6 days; follows Annual Conference*
- – Daily hearing schedule reduced to manageable number of hours per day
- – Held in conjunction with the Annual Conference in the October/November time-frame
- • Proposed code groupings:
- – Group A: IBC – Egress; IBC – Fire Safety; IBC – General (*May 2010)
- IBC – Structural, IFGC, IMC, IPC, IPSDC
- – Group B: IECC; IRC Building/Energy
- Administration (Ch. 1); IEBC; IFC; IPerformance; IPMC; IRC Mechanical/Plumbing;
- IWUIC; IZC (*Nov 2010)

ICC Green Construction Code Project Update

IgCC

SAFE & SUSTAINABLE BY THE BOOK

INTERNATIONAL CODE COUNCIL

AIA

IgCC Scope

- Will apply to traditional commercial and high performance buildings
- Consistent and coordinated with the ICC family of Codes & Standards
- Applicable to the construction of buildings, structures, and systems, including alterations and additions
- Residential portions of buildings, except institutional, expected to follow ICC-700 (NGBS)
- Will provide a new regulatory framework
- Designed with leading recognized rating systems in mind
- Will provide criteria to measure compliance & drive green building into everyday practice

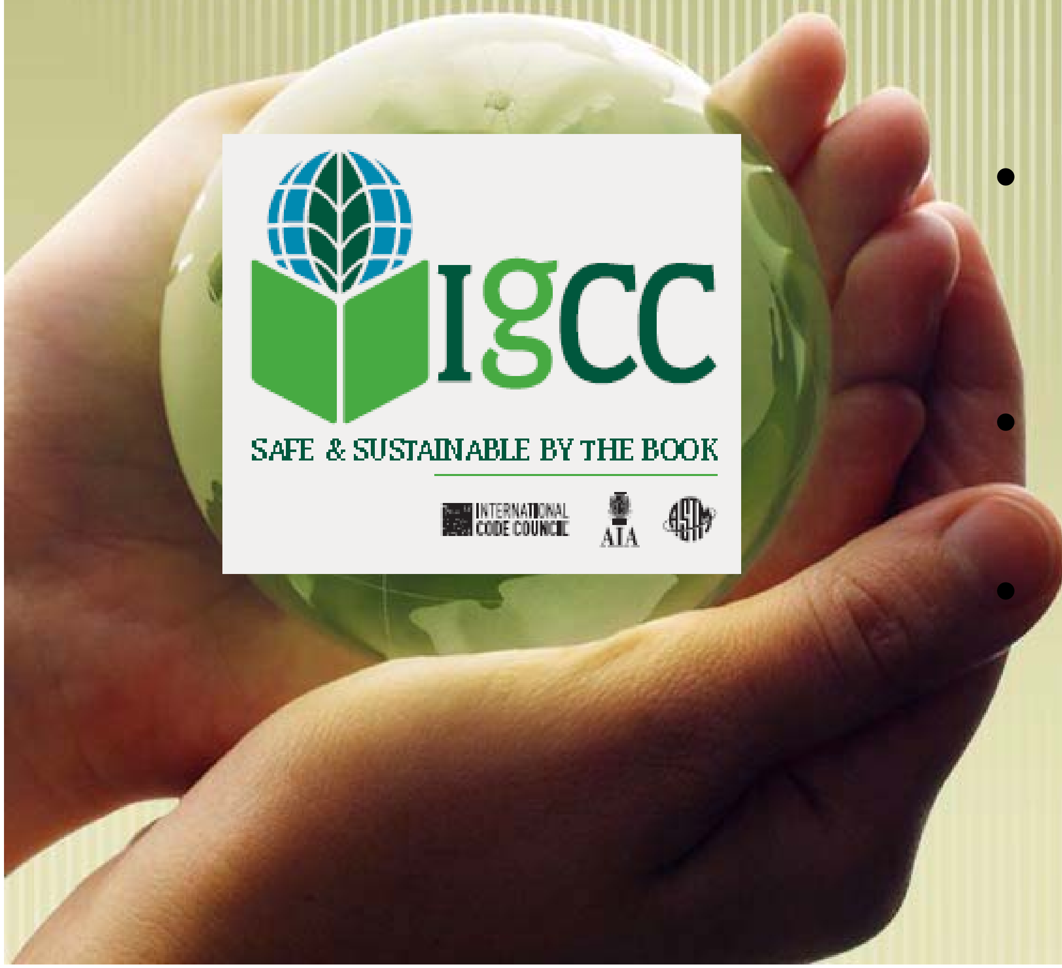
IgCC Timeline

- First SBTC meeting this week in Chicago; four subsequent development meetings scheduled through January 2010
- Provide progress update November 2 at ABM in Baltimore
- Draft complete April 2010, available as resource tool for short deadline jurisdictions seeking 2010 legislation
- Public Comment period commences when draft issued
- Hearings to review comments in Summer 2010
- Revised draft submitted for code development and final action hearings in 2011
- Published as 2012 IgCC

IgCC Subject Areas (likely)

- Energy use efficiency
- Water use efficiency
- Materials and resource use
- Indoor environment quality
- Impact on environment (Greenhouse Gas)
- Site design
- Sustainable building owner/facility management education
- Existing buildings

IgCC Concepts



- Will use the “model” code approach that provides communities the ability to modify
- Minimum & advanced levels of performance (Green & high performance buildings)
- Work as an overlay to the ICC Family of Codes
- Written in mandatory language that provides a new regulatory framework

SAVE Program Overview

Sustainable **A**ttributes **V**erification and **E**valuation

- The ICC-ES SAVE™ Program provides independent verification of manufacturers' claims about the sustainable attributes of their products
- Successful evaluation under this program results in a Verification of Attributes Report™ (VAR™)
- Currently nine categories of possible evaluation…

SAVE Program Overview

- Verification of Attributes Reports (VARs™) can be helpful to those seeking to qualify for points under major green rating systems
- SAVE™ is a voluntary program, available to manufacturers
- Provides trusted 3rd party verification of sustainability claims
- SAVE™ VARs™ are available online at no cost to designers, specifiers, code officials and consumers
- Can be combined with a traditional ES Evaluation Report for Code Compliance

ICC and affiliates resources

- ICC national GR field staff can assist in code adoption efforts
- ICC chapters- code officials, training venue
- ICC Evaluation Services
- ICC training, education and certification programs
- ICC-IAS accreditation of building departments and certifying bodies
- ICC tech services: code interpretations, staff opinions
- ICC plan review services

Where will we be in 2012?

- 2012 IECC is 30% better than 2006 IECC and is widely adopted throughout the US
- Stimulus funds used to enhance compliance with the IECC through education, training, and professional certification.
- The IgCC is available and serves to raise the bar for those who want to address issues beyond
  and outside the scope of the IECC via code
- ICC ES SAVE supports acceptance of new building technology to achieve compliance with the IECC and IgCC

Code Council information and updates

- ICC website at www.iccsafe.org
- Contact David Karmol, VP, Federal & External Affairs at dkarmol@iccsafe.org