INTERNATIONAL CODE COUNCIL®

International Green Construction Code

&

other sustainable building initiatives

ICC Codes and Standards

13 Codes- “The I-Codes”

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

ANSI Standards

- **ICC/ANSI A-117, Accessibility**
- **ICC/ANSI 700, National Green Building Standard**

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

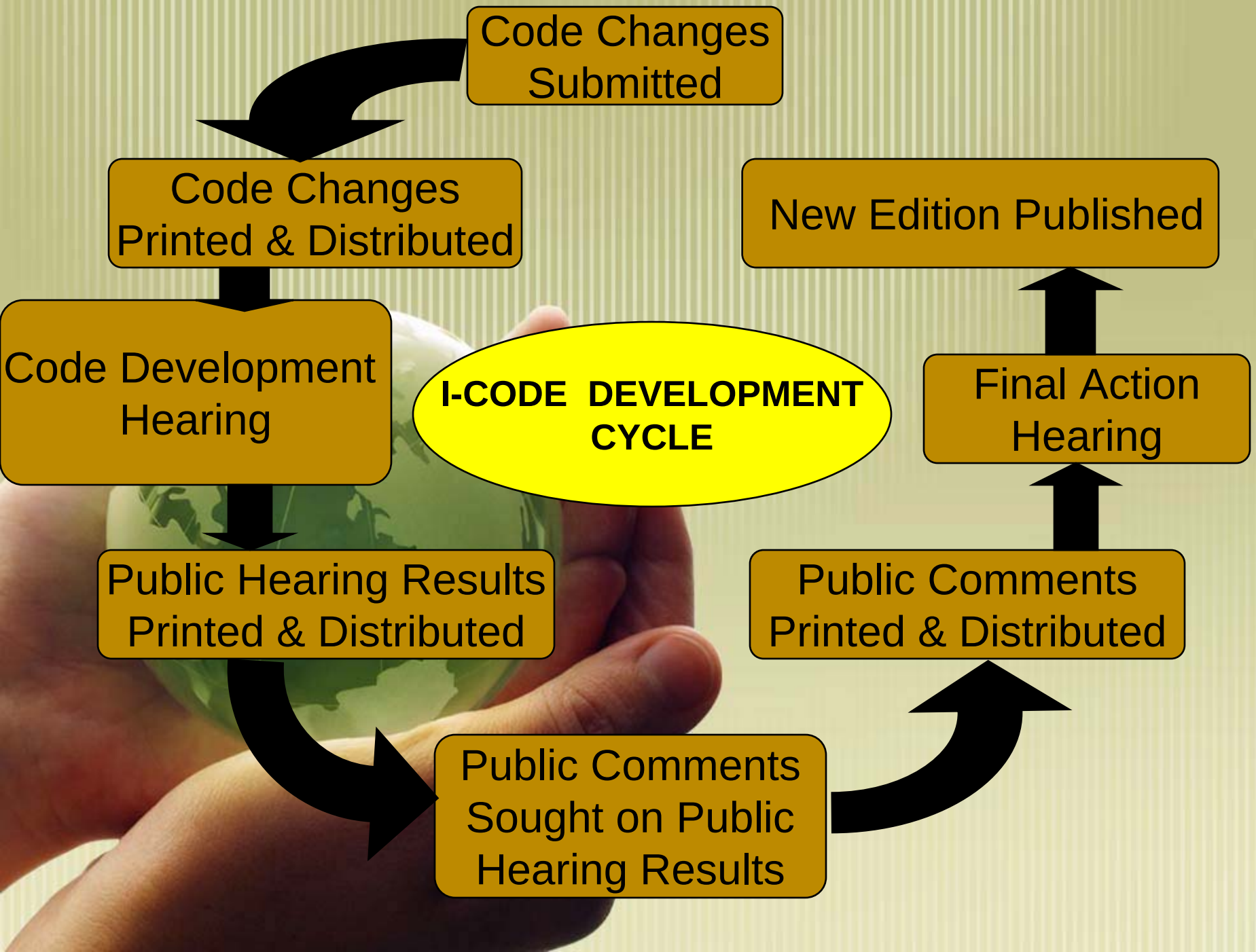
- **Code officials**
- **Design professionals/consultants**
- **Trade associations**
- **Builders/contractors**
- **Building owners/developers**
- **Manufacturers/suppliers**
- **Government agencies**
- ***Anyone with an interest***

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.**


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
I-CODE DEVELOPMENT CYCLE

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. 6-1-09 Announcement posted on the website and other media. Anyone can submit a code change**
- **Staff review**
- **Publish**
  - **Website: Approx. 90 days prior to Code Development Hearing**
- **Code Development Hearing:10-09**
  - **Anyone can attend, and testify.**
  - **No cost to attend the hearings.**
  - **All ICC members can vote in assembly action.**
- **Report published 30 days following hearing**

Public Comment & Final Action Hearing

- **Public Comments on Report of Hearing (ROH) – due approximately 45 days after ROH published.**
- **<u>Anyone</u> may submit a comment.**
- **Original code change with the committee action and assembly action (if any)**
- **Public commentors requested action**
- **Agenda published approx 60 days before Final Action Hearing**
- **FAH- <u>Anyone</u> can attend and testify**
  - **No cost to attend**
- **Only ICC Governmental Member Representatives can vote: those with responsibility to adopt or enforce codes- no proprietary interests.**

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/ANSI-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

- SBTC met in July in Chicago; August in Denver. This week in Philadelphia. Two additional development meetings scheduled through January 2010
- Provide progress update November 2 at ABM in Baltimore. Continuous updates at www.ICCSAFE.org
- Draft complete April 2010,
- 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

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