ICC Code Development Process

People Helping People
Build a Safer World™

ICC Code Development

Powered by cdpACCESS®
at cdpACCESS.com

ICC Vision

Protect the health, safety and welfare of people by creating safe buildings and communities

ICC INTERNATIONAL CODE COUNCIL®

ICC Mission

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

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The I-Codes

15 Codes
- **Building, Residential: IBC, IRC**
- **Fire, Wildland-Urban Interface: IFC, IWUIC**
- **Fuel Gas, Mechanical, Plumbing, Pool: IFGC, IMC, IPC, IPSDC, ISPSC**
- **Existing Buildings, Property Maintenance: IEBC, IPMC**
- **Energy, Green, Performance, Zoning: IECC, IgCC, ICC Performance (ICC PC), IZC**

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The I-Codes

- **Each code is comprehensive**
- **All codes are coordinated and compatible with each other**
- **All codes reference consensus standards developed by Standard Developing Organizations (SDO's)**

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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**

ICC Code 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 administering, formulating or enforcing regulations relating to public health, safety and welfare.

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Code Committees

- **Representation of interests**
- **General: Consumers, Regulators**
- **Producer: Builders, Contractors, Manufacturers, Material Associations, SDO's, Testing Labs**
- **User: Academia, Designers, Research Labs, Owners, Product Certifiers**
- **Not less than 33% of each committee are Regulators**

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Code Committees

- **Call for committee posted in January of year proceeding cycle**
  - 2015/2016/2017 Cycle: Post January/2014
- **Applications due in June of year proceeding cycle**
  - 2015/2016/2017 Cycle: Due June/2014
- **Applications reviewed by the Codes and Standards Council who makes recommendations to the ICC Board**
- **Committees appointed by the ICC Board**

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Code Committees

- **16 Code Committees. One for each code, except:**
  - **IBC 4 Subcommittees**
  - **IFC & IWUIC combined**
  - **IPC & IPSDC combined**
  - **IPMC & IZC combined**
  - **IRC 2 Subcommittees**
  - **Energy – 2 Committees: Commercial (IECC); Residential (IRC & IECC)**
  - **Administrative Provisions Committee - Chapter 1 of all I-Codes (with exceptions such as IRC) and updates to currently Referenced Standards**
- **IgCC – see next slide**

IgCC

- **New process resulting in the 2018 edition of the IgCC**
- **ICC partnership with ASHRAE to jointly develop the IgCC**
  - **ICC responsible for the development of Chapter 1**
  - **Technical provision developed by ASHRAE via ASHRAE 189.1 standard process**
- **2017 Group C Cycle cancelled**

The Players

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

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The Process

- **Open**
- **Transparent**
- **Balance of Interest**
- **Due Process**
- **Consensus**
- **Appeals Process**
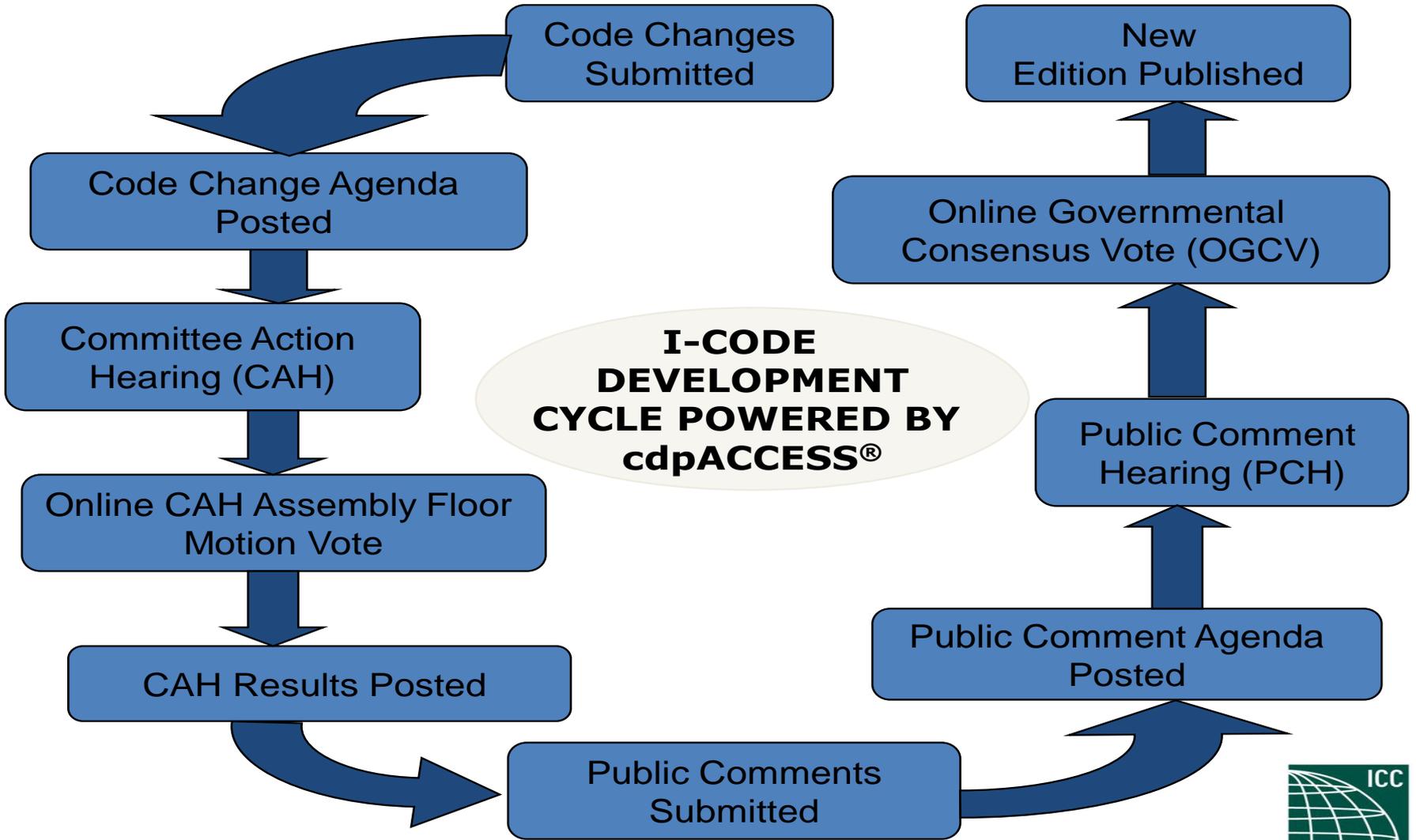
I-Code Coordination

- **Code Correlation Committee (CCC) determines which committee to hear code change ("scoping")**

- **Duplication between codes - maintained by one code committee**

  - **Fire 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 that code changes are heard by the IFC Code Committee. (See Scoping slides)**

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The Procedures

- **All aspects of the ICC Code Development Process are regulated by published procedures which are approved by the ICC Board of Directors.**
  - Council Policy (CP) 28 - Code Development
  - CP 7 - Committees and Members
  - CP 1 - Appeals

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Cycle Goals

- **Reduce number of days of hearings**
- **Public Comment Hearings (formerly called Final Action Hearings) always held in conjunction with ICC Annual Conference**
- **Edition published approximately 6 - 8 months prior to subsequent cycle**
- **Support products and services available earlier**

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I-CODE DEVELOPMENT CYCLE POWERED BY cdpACCESS®

Code Changes Submitted

↓

Code Change Agenda Posted

↓

Committee Action Hearing (CAH)

↓

Online CAH Assembly Floor Motion Vote

↓

CAH Results Posted

→

Public Comments Submitted

→

Public Comment Agenda Posted

↑

Public Comment Hearing (PCH)

↑

Online Governmental Consensus Vote (OGCV)

↑

New Edition Published

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Typical Cycle Snapshot

- **Code Change deadline: Typically during second week in January (with flexibility to accommodate Holidays)**

- **Committee Action Hearings (formerly called Code Development Hearings):**

  Apr-May

- **Public Comment Hearings (formerly called Final Action Hearings): Oct-Nov**

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Typical Cycle Snapshot

- **Edition published**
  - 2015 Edition in 2014
- **2015/2016/2017 Cycle**
  - Group A: Code Changes due Jan 14, 2015
  - Group B: Code Changes due Jan 11, 2016
  - Group C: Cancelled (see IgCC slide)
- **Edition published**
  - 2018 Edition in 2017

Current Code Groupings

- **Group A codes**
  - **IBC (except Structural), IEBC (non structural), IFGC, IMC, IPC & IPSDC, IPMC, IRC – M, IRC – P, ISPSC, IZC**

- **Group B codes**
  - **IBC Structural, IECC, IFC, IRC – B, IRC – E, IWUIC**
  - **Administration: Chapter 1 of all Codes except IECC and IRC; updates to currently Referenced Standards**

- **Group C codes**
  - **Cancelled**

I-Code Scoping

- **Review code to be updated**
- **Look for [X] next to section number**
- **Identify code with maintenance responsibility based on "X"**
- **Review Preface of code for identification of code committee "X"**
- **Submit code change to code group with maintenance responsibility**

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Scoping – Within Group [B]

- **Code: IMC (Group A)**

- **Section: [BF] 607 DUCT AND TRANSFER OPENINGS**

- **[B] indicates IMC Section 607 maintained by the IBC Fire Safety Code Committee (Group A)**

- **Code changes to this IMC section to be submitted with IMC code changes as part of Group A codes**

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Scoping – Out of Group [B]

- **Code: IFC (Group B)**
- **Section: [BE] 1003 GENERAL MEANS OF EGRESS**
- **[B] indicates IFC Section 1003 maintained the an IBC Egress Code Committee (Group A)**
- **Code changes to this IFC section to be submitted with IBC code changes as part of Group A codes**

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Scoping – Out of Group [F]

- **Code: IBC (Group A)**
- **Section: [F] 903.1 General…..**
- **[F] indicates IBC Section 903.1 maintained by the IFC Code Committee (Group B)**
- **Code changes to this IBC section to be submitted with IFC code changes as part of Group B codes**

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Scoping – Chapter 1 [A]

- **Code changes to Chapter 1 of all codes (except IECC and IRC) heard by Administrative Provisions Committee in Group B**

- **Code changes to Chapter 1 of IRC and IECC heard by applicable Code Committee in Group B**

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Scoping by Committee

- **A document has been posted on the ICC website entitled "Group A, Group B and Group C Code Development Responsibilities" which outlines scoping considerations**

Code Change Submittal

- Code change deadline posted
- Anyone can submit a code change
- Submit online via cdpACCESS®
- Name and entity represented
- Copyright release
- Proposed language:
  - Legislative revisions to current text: <u>Underline proposed new text</u> and ~~strike out~~ text to be deleted
- Substantiate change with reasons and supporting documentation
- Provide cost impact information and substantiation

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Reference Standards

- **Currently Referenced Standards**
  - **ICC contacts SDO's to determine which standards will be updated and completed by December 1st of third year in cycle (per CP 28)**
  - **ICC publishes list of standards as an Administrative Provisions (Group B) code change**

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Reference Standards

- **Proposed new Reference Standard**
  - **Submitted as a code change with the scope and application of the proposed standard identified in the code text**
  - **Code change submitted to the applicable Group A, B or C code**
  - **Standard must be completed and published by the Public Comment Hearings for the applicable code group**

Staff Review

- **Form and format: Based on current text and in legislative format**
- **Reason/Documentation**
- **I-Code coordination**
- **Bibliography**
- **Cost impact and substantiation**
- **New referenced standard compliance**
- **Copyright release**

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Staff Review

- **Staff contacts code change proponent as necessary to assist in processing the code change**

- **Editorial code changes reviewed/acted on by Code Correlation Committee**

- **Code changes posted: Approx. 45 days prior to Committee Action Hearings (30 days minimum per CP28)**

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Committee Action Hearings (CAH)

- **Public hearing**
- **Applicable Group A, B or C code committee presides over hearing**
- **Anyone can attend and participate/testify**
- **No cost to attend/participate/testify**
- **All committee actions and reasons for action published**

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CAH Modifications

- **Regulated by Section 5.5.2 of CP28**
- **Must be within the scope of the original submittal**
- **Submitted online via cdpACCESS**
- **Proposed during hearing testimony**
- **Chair procedural ruling in/out of order**
- **Viewed online via cdpACCESS**
- **Hearing testimony on modification only**
- **Committee under no obligation to consider the modification**

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CAH Committee Action

- **Committee action (50% majority)**
  - **Approval as Submitted (AS)**
  - **Approval as Modified (AM)**
  - **Disapproval (D)**

CAH Assembly Action

- **Anyone in attendance at the CAH can make a motion noting disagreement with the committee action. A second to the motion is required.**

- **Assembly motions are voted online via cdpACCESS by ICC members following the CAH**
  - **Voting opens approximately 2 weeks after the close of the CAH. Open for 2 weeks.**
  - **Access to video of the CAH hearing testimony**

- **Successful assembly action (simple majority) results in an automatic public comment to be considered at the Public Comment Hearings**

Report of Committee Action Hearings

- **Committee action**
- **Committee modifications, if any**
- **Reason for committee action**
- **Results of the Assembly Motion vote, if any**
- **Posting: Approx. 30 days after Committee Action Hearings**

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Public Comment Submittal

- **Public Comments on Report of Committee Action Hearings – due approximately 60 days after report posted**
- **Allows anyone to submit a comment in response to the results of the Committee Action Hearings**

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Public Comment Submittal

- **Submit Public Comment online via cdpACCESS**
- **Note disagreement with the committee action and why**
- **Note disagreement with the assembly action and why**
- **Propose revisions to the code change. Revisions must be within scope of original proposal. Revisions proposed in legislative format with supporting reasons and documentation**
- **Copyright release**

Staff Review

- **Form and format: Based on proposed code change with legislative revisions to code change**

- **Scope consistent with original code change or committee/assembly action**

- **Reason/Documentation**

- **Copyright release**

- **Staff contacts commenter as necessary to assist in processing the comment**

Public Comment Agenda

- **Original code change with the committee action and successful assembly action (if any)**

- **Public commenters requested action, including modifications to the code change in legislative format, with reasons and documentation**

- **Posting - Approx. 45 days prior to Public Comment Hearings (minimum 30 days per CP28)**

Public Comment Hearings

- **Public hearing**

- **Anyone can attend and testify. No cost to attend and participate/testify at the hearings**

- **Agenda**
  - **Consent agenda: Block vote all code changes which did not receive a public comment or successful assembly action**

  - **Individual Consideration Agenda: Vote individually each code change which received a public comment or successful assembly action**

Public Comment Hearings

- **In person vote on whether or not to change the code rests with the ICC Governmental Member Representatives – those who administer, formulate or enforce the regulations and are charged with the public's health, safety and welfare**

- **In person PCH vote sets the stage for the final step in the process – the Online Governmental Consensus Vote**

Online Governmental Consensus Vote (OGCV)

- **OGCV opens approximately 2 weeks after the close of the PCH. Open for 2 weeks.**
- **OGCV regulated by Section 8.0 of CP28.**
- **OGCV occurs via cdpACCESS and includes**
  - **Video of CAH and PCH hearing testimony**
  - **Public comment agenda for the specific code change**
  - **PCH result and vote count**
  - **PCH approved modifications incorporated into the original code change**
  - **Allowable OGCV actions (see next slide)**

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OGCV actions

Committee Action	Public Comment Hearing result and Voting Majority	Online Governmental Consensus Ballot and Voting Majority	
AS	AS: Simple Majority	AS: Simple Majority	D: Simple Majority
	AMPC: 2/3 Majority	AMPC: 2/3 Majority	D: Simple Majority
	D: Simple Majority	AS: Simple Majority	D: Simple Majority
AM	AS: 2/3 Majority	AS: 2/3 Majority	D: Simple Majority
	AM: Simple Majority	AM: Simple Majority	D: Simple Majority
	AMPC: 2/3 Majority	AMPC: 2/3 Majority	D: Simple Majority
	D: Simple Majority	AM: Simple Majority	D: Simple Majority
D	AS: 2/3 Majority	AS: 2/3 Majority	D: Simple Majority
	AMPC: 2/3 Majority	AMPC: 2/3 Majority	D: Simple Majority
	D: Simple Majority	AS: 2/3 Majority	D: Simple Majority

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Final Action

- **Section 10.1 of CP28**

"Following the closing of the online ballot period, the votes received will be combined with the vote tally at the Public Comment Hearing to determine the final vote on the code change proposal"

Results

- **First edition of full family of I-Codes in 2000**
- **Editions follow every 3 years**
- **2015 Edition published in 2014**
- **2018 Edition to be published in 2017**

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Hearing Webcasts

- **Debut at 2002 Committee Action Hearings**
- **All subsequent hearings (Committee Action and Public Comment) webcast**
- **Streaming video and audio**
- **Internet access on your computer**

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cdpACCESS®

BE SURE TO VISIT THE ICC WEBSITE AND VIEW THE cdpACCESS POWERPOINTS FOR FULL DETAILS ON THIS EXCITNG NEW PROCESS

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ICC Website

- **As part of ICC's Green Initiative, all code development documents are posted. Hard copies no longer published**

- **All information including schedules, procedures, code change cycle documents and a historical record of past cycles is posted (see next slide)**

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Website

- **cdpACCESS**
  - **Online submissions/vote: cdpACCESS.com**
  - **PowerPoints/Tutorials/guidance: Click here**
- **Code change cycle postings: Click here**
- **Council policies: Click here**
- **Code cycle archives: Click here**

Conclusion

The ICC remains dedicated to a single family of comprehensive and coordinated model codes. The ICC code development process allows all interests to actively participate in the update of each and every I-Code.