



# **CONSTRUCTION CODE MODERNIZATION PROJECT - 2021 CODE ADOPTION**

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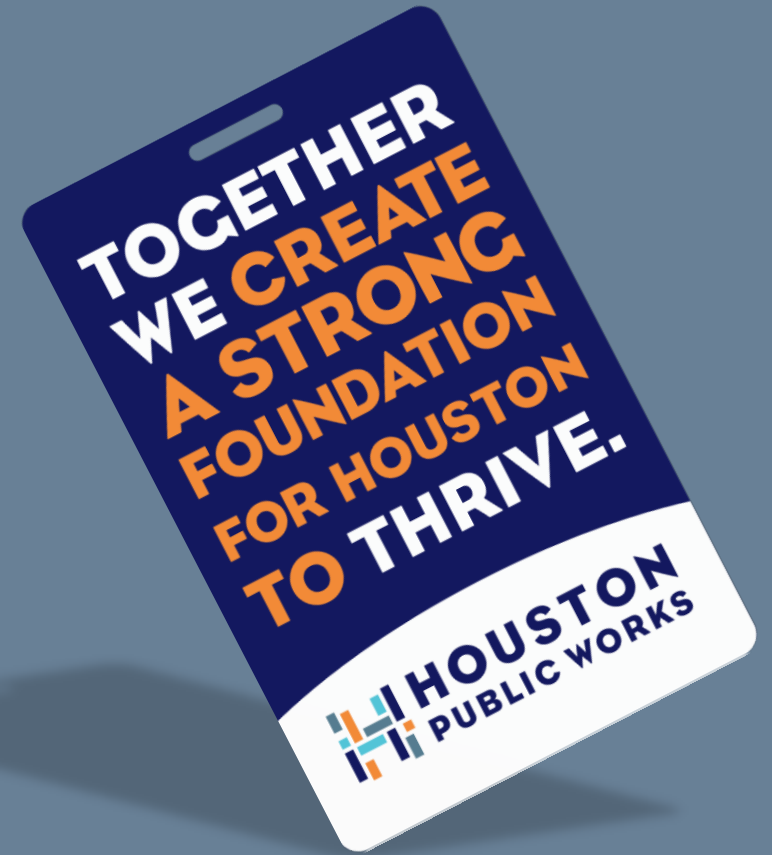
**JANUARY 2023**



# PURPOSE

together we create a strong foundation  
for Houston to thrive

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# 5 TO THRIVE VALUES

respect | ownership | communication | integrity | teamwork

# BACKGROUND

- Hurricane Harvey impact: 300,000 households & \$2.5B in damaged city facilities and infrastructure
- Community Development Block Grant - Disaster Recovery (CDBG-DR) funding
- Adopt the 2021 Building Codes with local amendments
- Jensen Hughes, Inc. selected to assist Construction Code Modernization project

# PROCESS & TIMELINE



# PROCESS & TIMELINE



# RESEARCH - MODEL CITIES

- Chicago, IL
- New York, NY
- Los Angeles, CA
- Atlanta, GA
- Austin, TX
- Fort Worth, TX

# **MOVING FORWARD**

## **Four Task Force Groups & One Construction Code Modernization Committee Roles & Responsibilities**

- Analyze stakeholder code amendment submittals**
- Consult with internal & external stakeholders**
- Finalize proposed stakeholder amendments**
- Review significant changes from 2015 to 2021**
- Submit proposed amendments to Houston Code Development Committee**
- Provide community outreach outlining code process & adoption**
- Advocate and educate colleagues and business associates on the importance of the proposed 2021 Building Codes**

# EXTERNAL STAKEHOLDERS

- American Fire Sprinkler Association (AFSA)
- American Institute of Architects (AIA)
- American Society of Civil Engineers (ASCE)
- American Society of Plumbing Engineers (ASPE)
- ASHRAE
- Associated Builders & Contractors of Texas
- Associated General Contractors (AGC) - Houston
- Building Officials Association of Texas (BOAT)
- Construction Industry Council-Houston Branch (HCIC)
- Greater Houston Builders Association (GHBA)
- Greater Houston Texas Restaurant Association (GHTRA)
- Hotel & Lodging Association of Greater Houston (H&LAGH)
- Houston Apartment Association (HAA)
- Houston Building Owners & Managers Association (BOMA)
- Houston Business Roundtable (HBR)
- Houston Contractors Association (HCC)
- Houston Habitat
- Houston Housing Collaborative
- Independent Electrical Contractor (IEC)
- Institute of Real Estate Management (IREM)
- International Association of Plumbing & Mechanical Officials (IAPMO)
- International Code Council (ICC)
- NAIOP, the Commercial Real Estate Development Association
- National Electrical Contractors Association
- National Fire Sprinkler Association (NFSA)
- New Hope Housing
- Sierra Club
- Society of Fire Protection Engineers (SFPE)
- South Central Partnership for Energy Efficiency as a Resource (SPEER)
- Super Neighborhood Representatives
- Texas Community Watershed Partners
- Texas Institute of Building Design (TIBD)
- Texas Society of Architects
- University of Houston
- Urban Land Institute (ULI)
- US Green Business Council (USGBC) of Houston
- Others

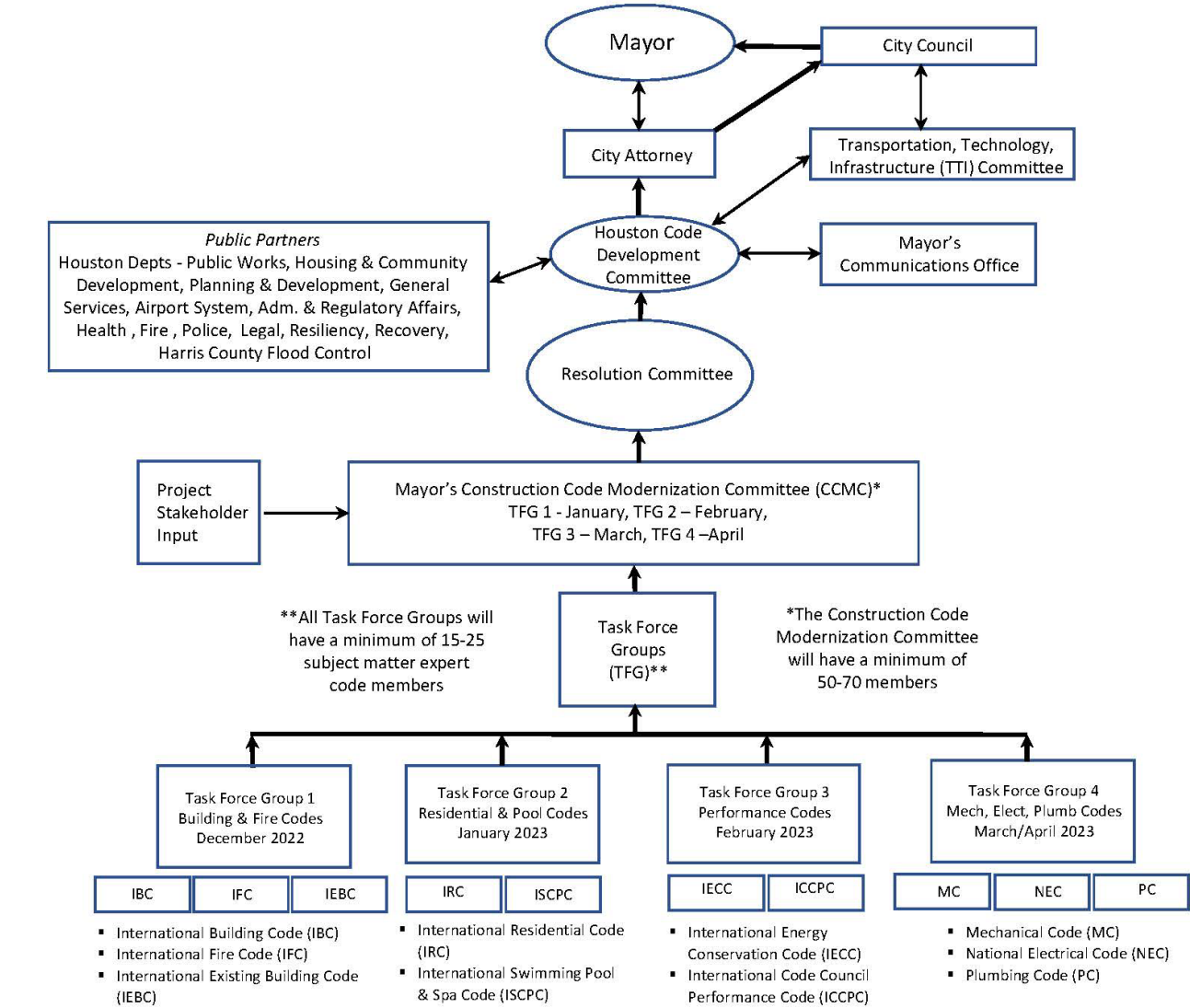


# **INTERNAL STAKEHOLDERS HOUSTON CODE DEVELOPMENT COMMITTEE**

- **Houston Permitting Center**
- **Houston Public Works**
- **Housing & Community Development**
- **Planning & Development Department**
- **Houston Airport System**
- **Administration & Regulatory Affairs**
- **Houston Fire Department**
- **Legal**
- **Resiliency & Recovery**
- **Mayor's Office of Communication**

# ORGANIZATION PROCESS

City of Houston Construction Code Process/Organization Flow Chart

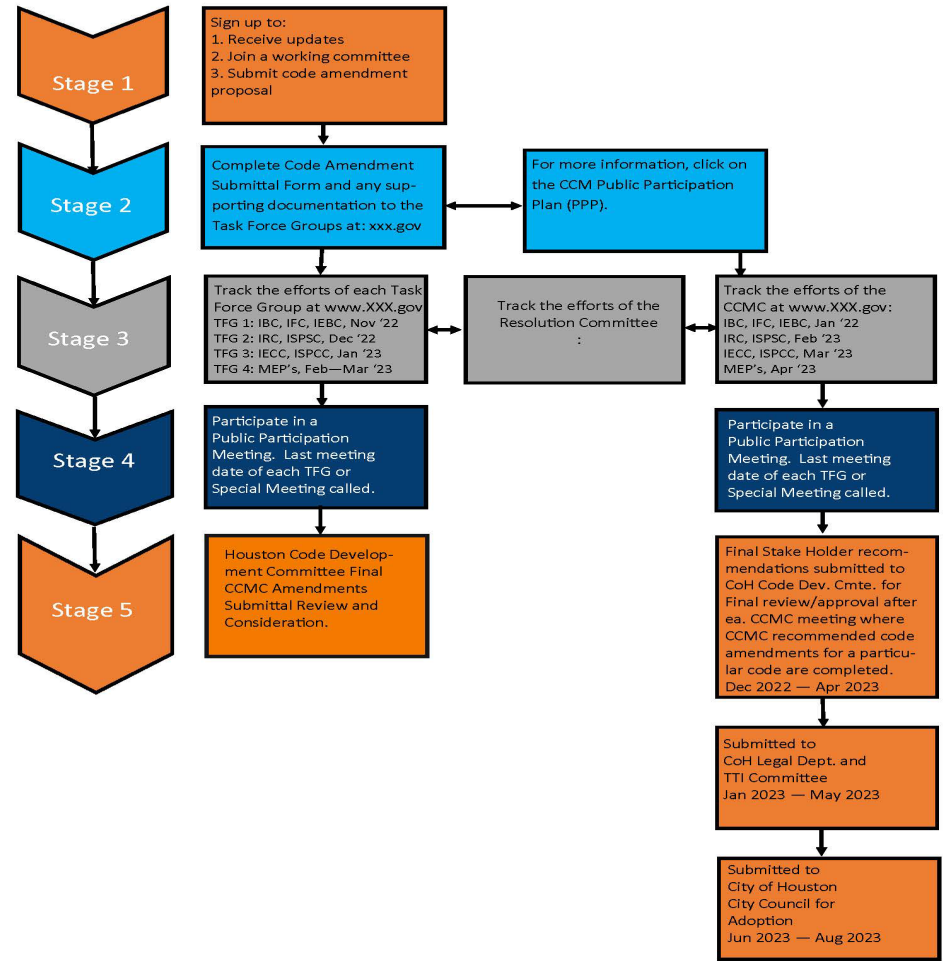


# CODE ADOPTION PROCESS

For updates, calendar of events, amendment submittals  
Visit <https://www.houstonpermittingcenter.org/construction-code-modernization>



## Houston's Construction Code Modernization (CCM) Code Adoption Process



# PARTICIPATION



- Receive updates through newsletter & email
- Sign up to serve on a Task Force Group or Construction Code Modernization Committee
- Submit a code amendment

# COMMITTEE & TASK FORCE GROUPS



- Equal engagement & representation
- Inclusive featuring a variety of associations & organizations
- Task Force Groups:
  - Building & Fire Codes
  - Residential & Pool Codes
  - Performance & Energy Codes
  - Mechanical, Electrical & Plumbing Codes

# CODE AMENDMENTS



- **Code Amendment Proposal Form**
- **Review instructions & complete the survey**
- **Submit one form for each change request**
- **Houston Code Development Committee will review each request**

# ANALYSIS & ADOPTION TIMELINE

Construction Code Modernization Project  
Timeline External

Task Name		TME	Start	Finish	2022							2023												2024						
					Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May		
Task 1: Project Management	104 wks	Tue	6/21/22	Fri 3/31/24																										
Task 2: Comprehensive Code Analysis	38 wks	Tue	6/21/22	Fri 12/8/22																										
Website Launched				Mon 11/7/2022																										
TFG-1 BUILDING AND FIRE CODES: IBC, IFG, & IEBC																														
Houston Code Dev. Team Amendment's Pre-Review	46 Hours	Thur	1/18/22	Fri 01/06/23																										
TFG-1 Public Comment Period	30 days	Mon	1/14/22	Fri 01/13/23						TFG 1	TFG 1	58-Days																		
Stakeholder Kickoff	1 day	Fri	12/16/22							Kickoff																				
External Stakeholder Solicitation	6 Weeks	Tue	12/19/22	Fri 12/30/22																										
TFG-1 Meetings Building & Fire/IBC, IFG & IEBC	4 Weeks	Tue's	12/26/22	Tue's 01/31/23						TFG 1	TFG 1																			
CCMC TFG-1	1 day	Fri	02/03/23	Fri 02/03/23								TFG 1																		
TFG-2 RESIDENTIAL CODES & POOLS: IRC & ISPC																														
Houston Code Dev. Team Amendment's Pre-Review	9 Hours	Mon	12/05/22	Fri 12/30/22																										
TFG-2 Public Comment Period	38 days	Wed	12/14/22	Thur 01/27/23							TFG 2	45 Days																		
External Stakeholder Solicitation	9 Weeks	Mon	12/14/22	Fri 01/20/23																										
TFG-2 Meetings Residential & Pools/IRC, ISPC	4 wks	Tue	01/17/23	Fri 02/14/23							TFG 2	TFG 2																		
Construction Code Modernization Cmte. Meeting TFG-2	1 day TBD	Fri	02/24/23	Fri 02/24/23								TFG 2																		
TFG-3 PERFORMANCE CODE: IECC & ICCPC																														
Houston Code Dev. Team Amendment's Pre-Review	6 Hours	Mon	01/16/23	Wed 01/18/23																										
TFG-3 Public Comment Period	38 days	Mon	01/09/23	Tue 02/07/23							TFG 3	30 Days																		
External Stakeholder Solicitation	10 Weeks	Mon	1/11/22	Fri 02/03/23																										
TFG-3 Meetings Performance Codes IECC, ICCPC	4 wks	Tue	02/07/23	Tue 02/28/23								TFG 3																		
CCMC Meeting TFG-3	1 day TBD	Wed	03/13/23	Fri 03/31/23								TFG 3																		
TFG-4 MEP'S																														
Houston Code Dev. Team Amendment's Pre-Review	30 Hours	Mon	01/23/23	Fri 02/10/23																										
TFG-4 Public Comment Period	30 days	Mon	02/06/23	Tue 03/07/23							TFG 4	30 Day																		
External Stakeholder Solicitation	14 Weeks	Tue	1/11/22	Fri 02/24/23																										
TFG-4 Meetings MEP Codes	6 wks	Tue	03/07/23	Thur 04/13/23								TFG 4	TFG 4																	
Construction Code Modernization Cmte. Meeting TFG-4	1 day TBD	Mon	04/03/23	Fri 04/28/23									TFG 4																	
Construction Code Modernization Committee (CCMC)	4-6 Meetings	Fri	02/03/23	Fri 02/03/23								TFG 1 & 2	TFG 3	TFG 4 & 5																
CoH Legal	20 wks	Mon	02/06/23	Fri 03/24/23																										
CoH City Council	8 wks	Tue	03/20/23	Fri 07/28/23																										
Task 4: Toolkit and Technical Memos	18 wks	Mon	04/17/23	Fri 08/18/23																										
Task 5: Implementation Strategy	20 wks	Mon	08/21/23	Fri 10/12/24																										
Task 6: SOP Development	20 wks	Mon	01/08/24	Fri 3/24/24																										
Wrap-Up	1 wk	Mon	03/27/24	Fri 3/31/22																										



## CONTACTS

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# thank you!



[houstonpermittingcenter.org](http://houstonpermittingcenter.org)



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