Development

Barriers

1. What are the biggest participation challenges for representatives from ESJ communities within the energy code development process?

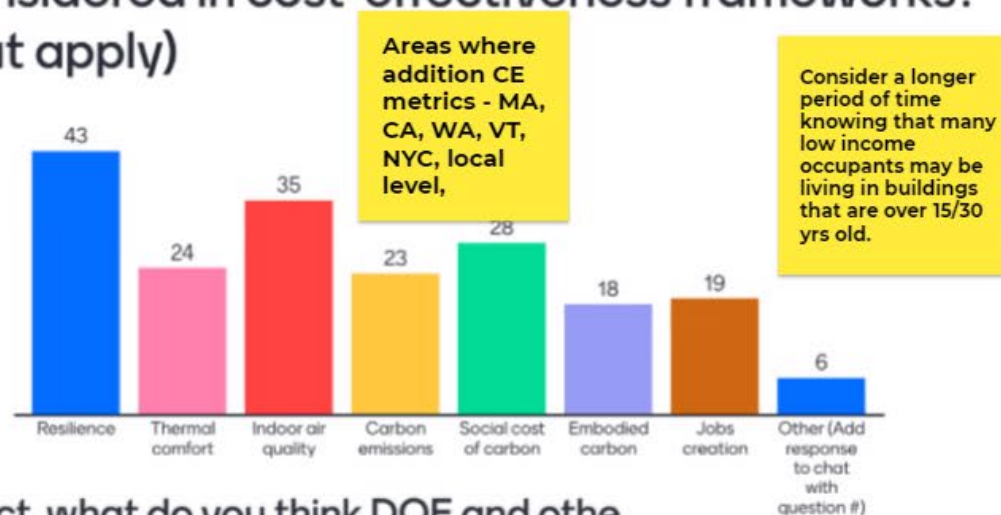**Challenge to participation - limited financial resources**

1st — Limited time and financial resources
2nd — Understanding of the code development process
3rd — Access to technical resources/ assistance
4th — Historically not being represented/considered
5th — Relevance to mission

Vested $ interest of predominant stakeholders involved in code develop process.

Other Challenges - Process (intimidating, confusing, limited notice, inconvenient times for meetings)
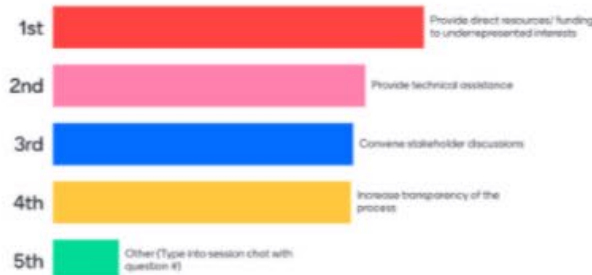
Opportunities

3. Which additional metrics aside from energy and cost should be considered in cost-effectiveness frameworks? (check all that apply)

Additional Metrics to consider in CE framework - Resilience, IAQ, Social Cost of Carbon

Areas where addition CE metrics - MA, CA, WA, VT, NYC, local level,

Consider a longer period of time knowing that many low income occupants may be living in buildings that are over 15/30 yrs old.

Resilience	Thermal comfort	Indoor air quality	Carbon emissions	Social cost of carbon	Embodied carbon	Jobs creation	Other (Add response to chat with question #)
43	24	35	23	28	18	19	6

5. In order of impact, what do you think DOE and other organizations can do to support ESJ community involvement in code development?

Process needs to require itself to be inclusive - need requirements - build in to require certain groups be represented,

1st — Provide direct resources/ funding to underrepresented interests
2nd — Provide technical assistance
3rd — Convene stakeholder discussions
4th — Increase transparency of the process
5th — Other (Type into session chat with question #)

Need to devise solutions WITH communities. Measuring effective engagement should be part of assessing code development

Adoption

Successful Programs:
- ○ Portland Clean Energy Fund
- ○ Expedited permitting and inspection in Sarasota County, FL
- ○ Austin Energy Efficiency Services dept.
- ○ Houston Centerpointe Energy Incentive program for Multifamily buildings
- ○ Arapaho County Gov Weatherization Division
- ○ Boulder Rental Housing Performance program

Barriers

Resources - Time & Money - Politics - Structure of Process, Knowledge and Experience

DOE Should:

* Provide valuation of health and livability impacts
* Convene stakeholder discussions
* Increase transparency of process
* Provide Tech Assistance
* Provide direct resources

Opportunities

Loans, Grants, Incentives - Rental efficiency standards - Tax credits - Strict enforcement, energy audits - Affordable retrofit solutions - Education about benefits, community outreach   - Relaxing historical requirements

What steps can a state or jurisdiction take to ensure ESJ communities and groups are involved in the adoption process?
- ○ Just ask
- ○ Create an ESJ seat
- ○ Free outreach programs
- ○ Advocacy
- ○ Make concerted efforts to simplify the issue
- ○ Multiple forums to engage, multi-language
- ○ Promote non-energy benefits
- ○ Cover costs of ESJ reps

Implementation

Barriers

growing the workforce is challenging

studies only get us so far - we need education in the field

community identified needs are not a part of the process

not enough resources/assistance

inspectors, builders, etc. aren't together for training - are people the center of their why?

existing buildings aren't touched by a lot of inspectors - especially in regards to energy

data sharing - it's very wonky!

implementation criteria doesnt center on occupants

Opportunities

providing technical assistance / direct resources is ideal

education - for the workforce and for ESJ communities

increasing awareness of where BEC touch other groups "why" and what they are striving for - how can BEC he a helpful part of their solution set?

stakeholder discussions can start to involve everyone - make sure people are resourced to be there

rental unit inspections over lifetime of buildings

Promising: NYC, Boulder, New England, Circuit Rider Programs, Gainesville FL

developing resources that include people metric language for inspectors, builders, etc.