

Concrete Building Safety Program

Working Group Meeting #7

August 10, 2023

Agenda

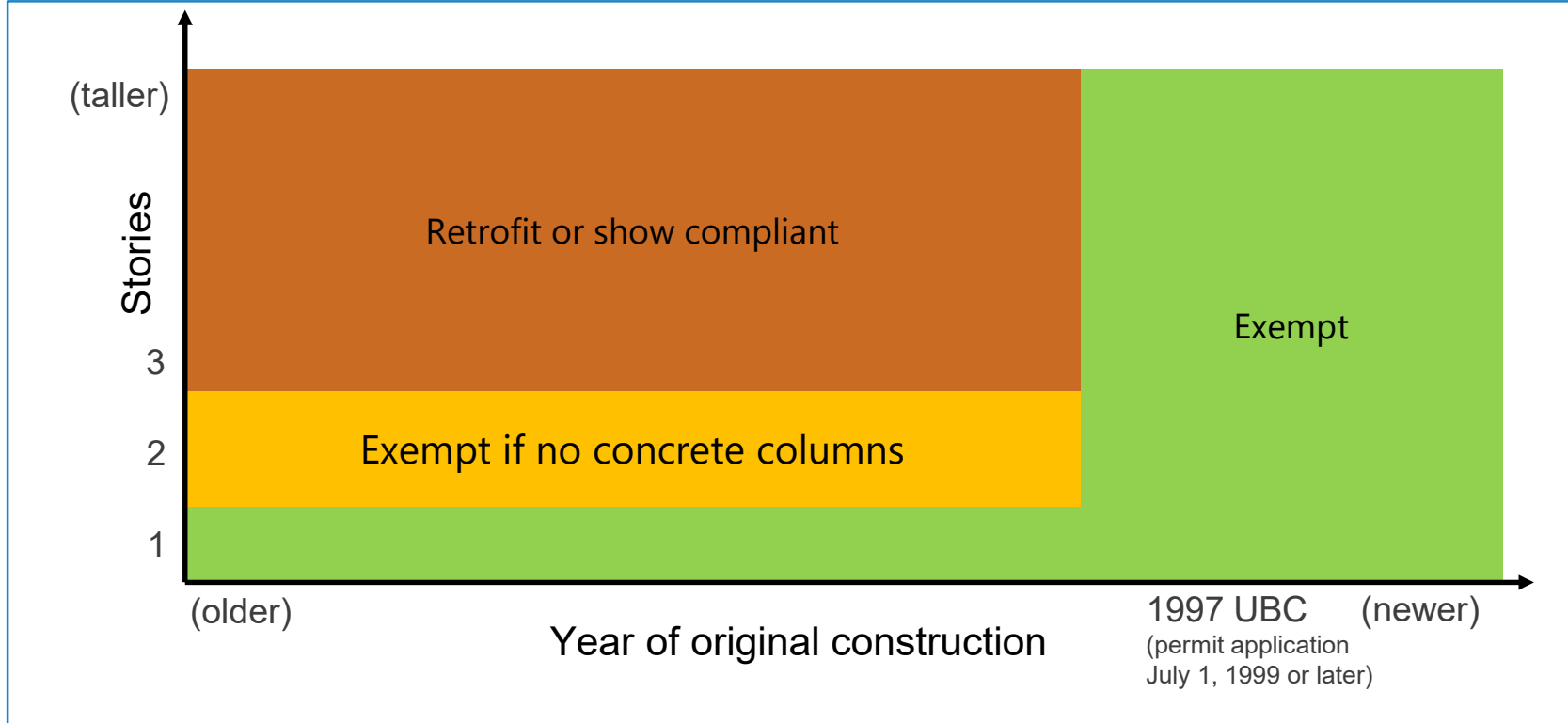
1. Welcome, Meeting Recap, Agenda
2. Communication: Recommendations, Considerations, and Discussion
3. Break
4. Financing: Presentation, Considerations, and Discussion
5. Wrap-up and Next Steps



Welcome, Meeting Recap, Agenda

Recap: Non-Ductile Concrete Draft Program

What buildings are included in the program?



Recap: Non-Ductile Concrete Draft Program

What level of Retrofit?

Requirements	Relative level
Option (a) Structural Collapse Prevention at the BSE-1E* level (225-year earthquake motions), AND address specific deficiencies	Approximately 54%(+) of BPOE*** structural objective
Option (b) Comply with Section 304.4.3 (Collapse Prevention at the BSE-2E level—975 year motions) (Same requirements as SFBC**** triggered retrofit, such as from non-structural alterations on 2/3 of floors)	100% of BPOE*** structural objective

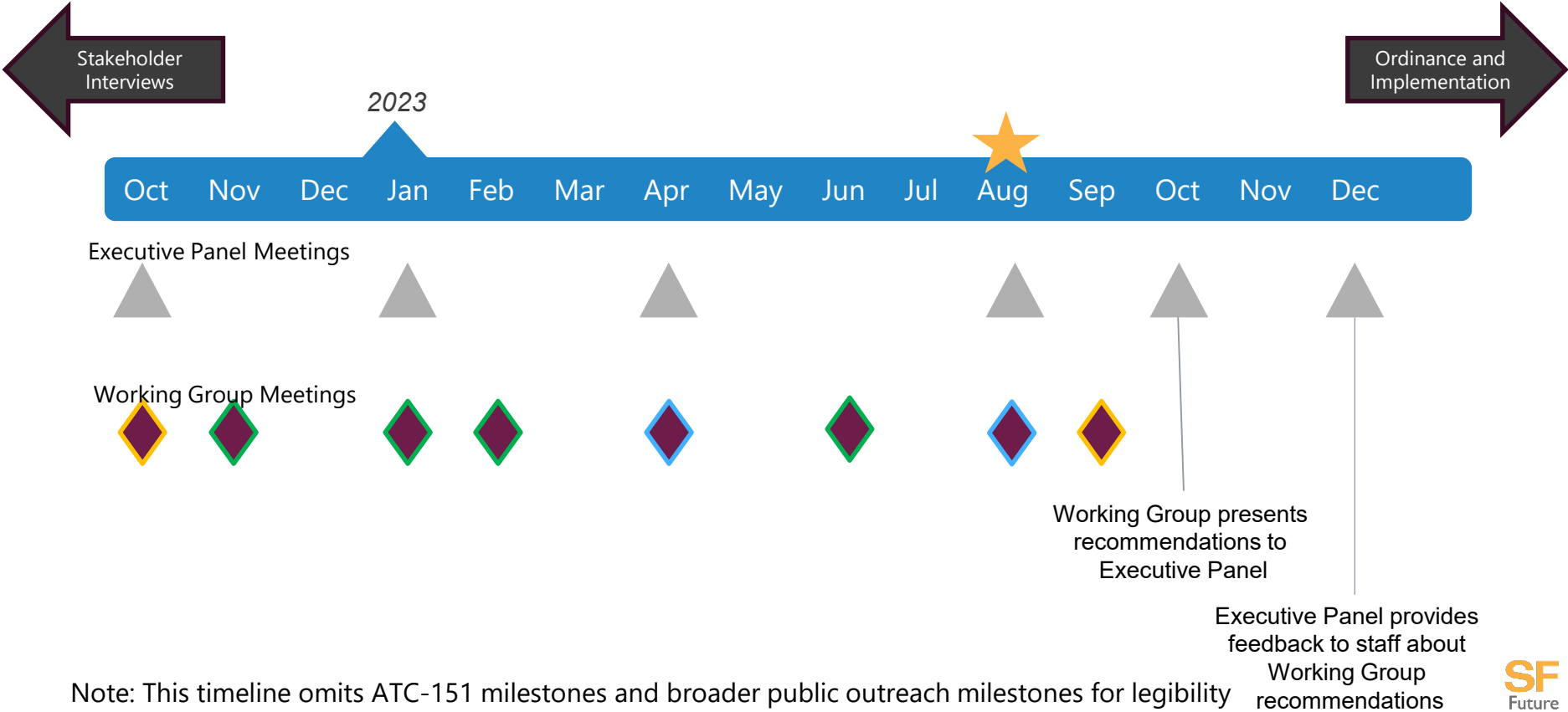
***BSE-1E** = Basic Safety Earthquake-1 for use with the Basic Performance Objective for Existing Buildings, taken as a seismic hazard with a 20 percent probability of exceedance in 50 years

****BSE-2E** = Basic Safety Earthquake-2 for use with the Basic Performance Objective for Existing Buildings, taken as a seismic hazard with a 5 percent probability of exceedance in 50 years

*****BPOE** = Basic Performance Objective for Existing Buildings: A series of defined Performance Objectives based on a building's Risk Category meant for evaluation and retrofit of existing buildings

******SFBC** = San Francisco Existing Building Code

Participatory Program Design Timeline



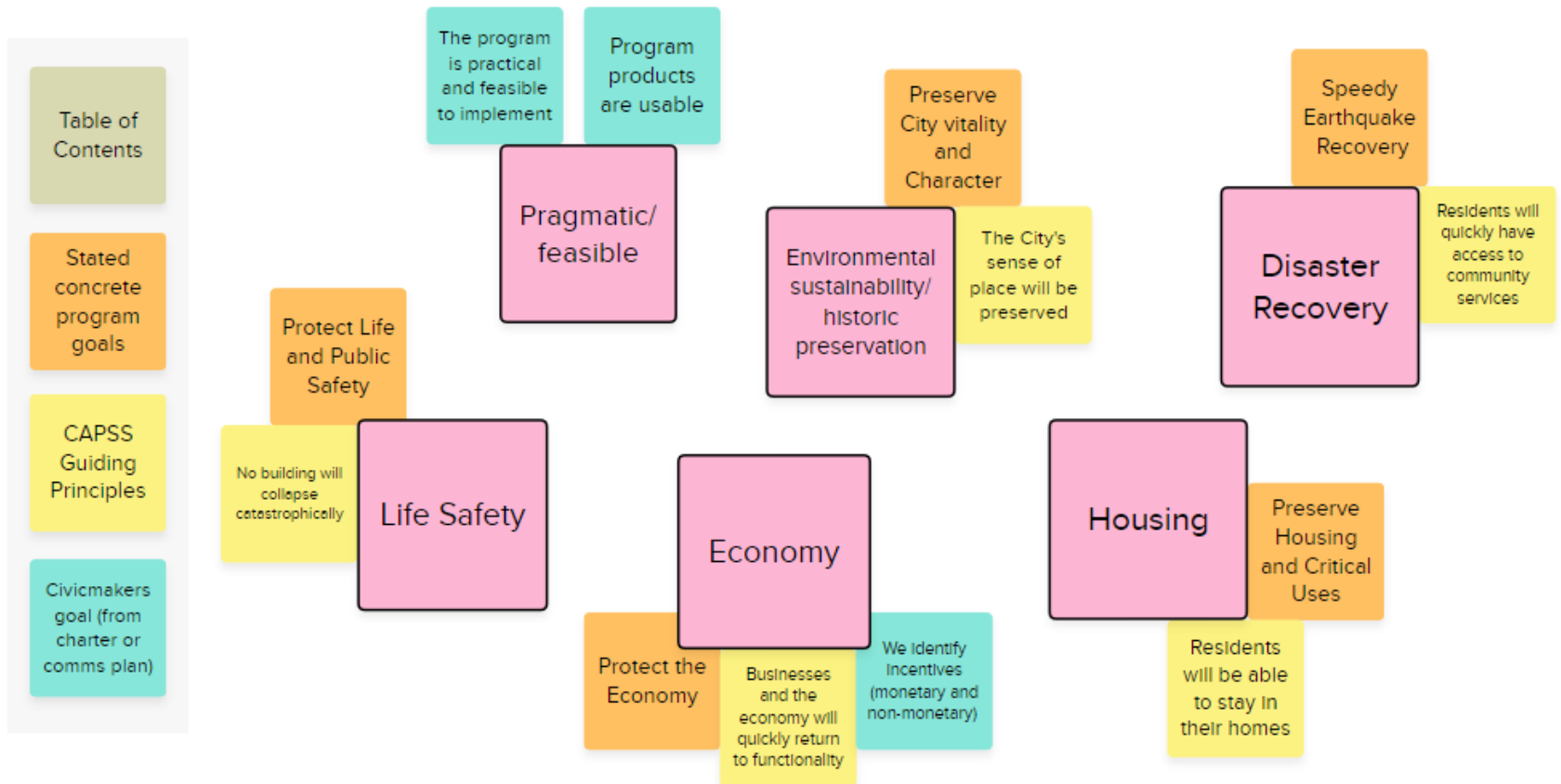
Earthquake Safety Implementation Program/CAPSS Timelines

- Concrete Tilt-up:
 - ordinance **2013**
 - retrofits complete by **2020**
- Non-ductile Concrete:
 - ordinance **2020**
 - retrofits complete by **2031**

Guiding Principles

Category of Priority	Number of Mentions
Feasibility	13
Life and public safety	10
Economic vitality	9
Earthquake recovery	4
Housing preservation	3
Anti-displacement	2
Effective program	2
Fairness	2
Financial incentives	2
Environmental sustainability	1
Historic preservation	1

Guiding principles





Communication: Recommendations, Considerations, and Discussion

Discussion

- What does this spark for you?
- What might we include in our recommendations?



Break



Financing: Recommendations, Considerations, and Discussion

Discussion

- What does this spark for you?
- What might we include in our recommendations?



Wrap up & Next Steps

Voting on recommendations

- Approximately 53 draft recommendations
- Next Wednesday, August 16th, you will receive a survey to **vote on these recommendations**
 - Goal: Understand which recommendations have the most widespread support

Upcoming Working Group topics

Meeting 8

September

Final

Final Meeting:

- Finalize Recommendations to executive panel

Thank you!