

The logo for CleanBC, with 'clean' in green and 'BC' in blue.

cleanBC

CLIMATE LEADERSHIP SYMPOSIUM

Public Sector and Local
Government Action



Realizing Resilient Buildings (R2B)

Barriers and Enablers for Climate Adaptation and Resilience in the Building Sector

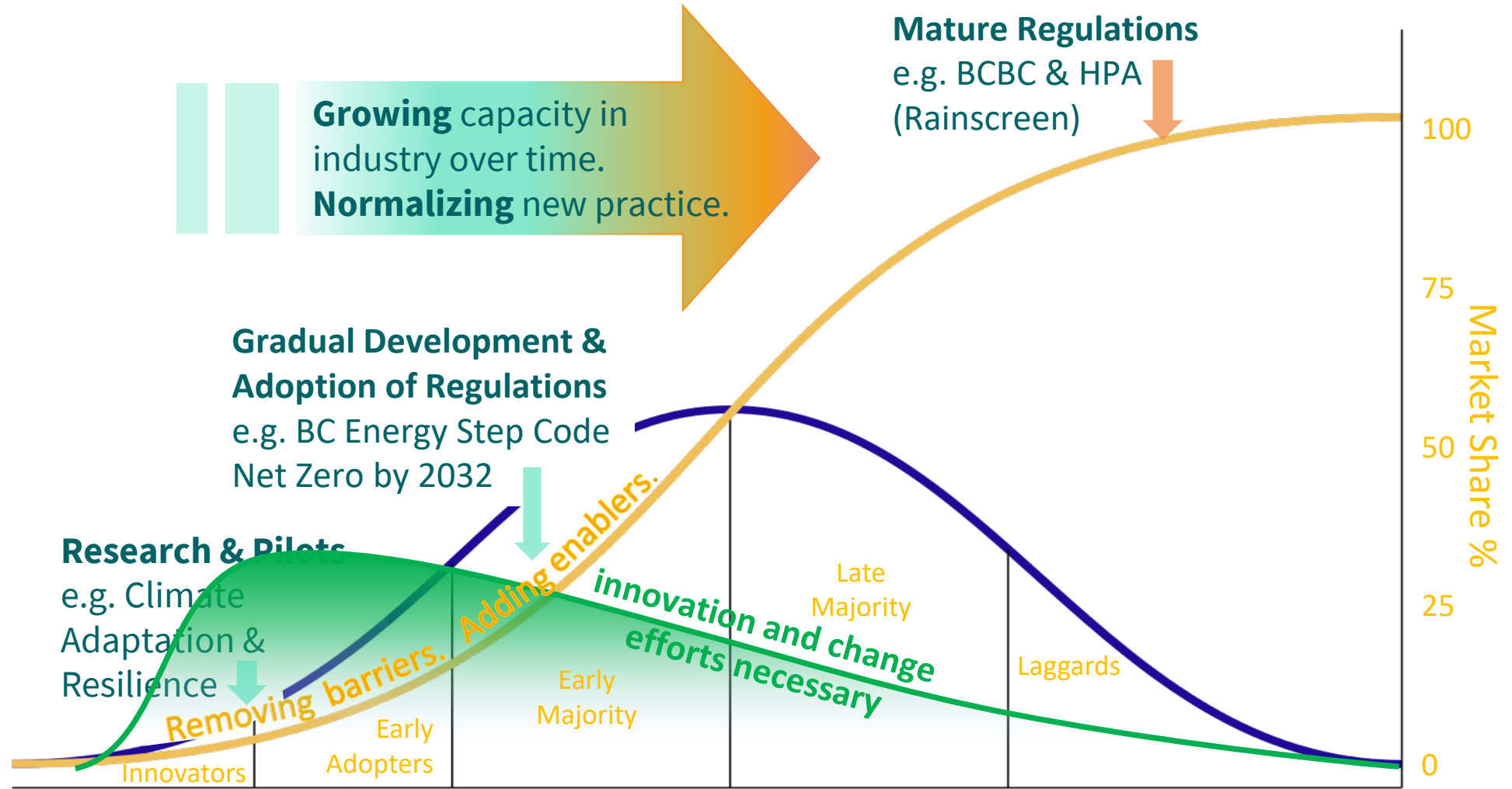
cleanBC CLIMATE LEADERSHIP SYMPOSIUM
Public Sector and Local Government Action
October 18-19, 2023

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BC Housing Research Centre



MBAR: An Innovation Program To Transform Industry Practice

- identify and mobilize use of **solutions** that are most ready and cost-effective at this and the next points in time
- engage practitioners with growing **stories** of real-life evolving practices
- send right **signal** to prime supply chain innovations and industry alignment: **speed up** development of coherent solutions that **multi-solve**

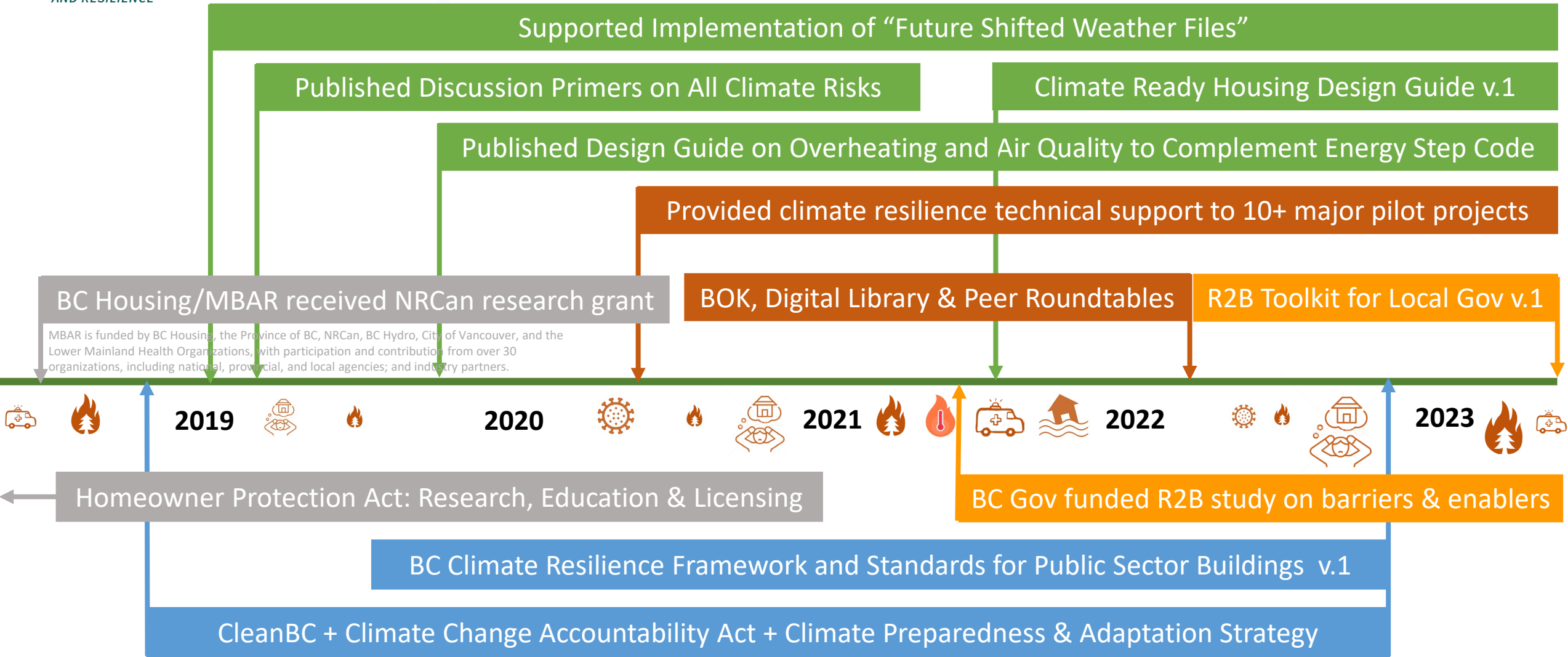


MBAR started as a research initiative with funding from NRCan and others, and is being redefined as an Innovation Program

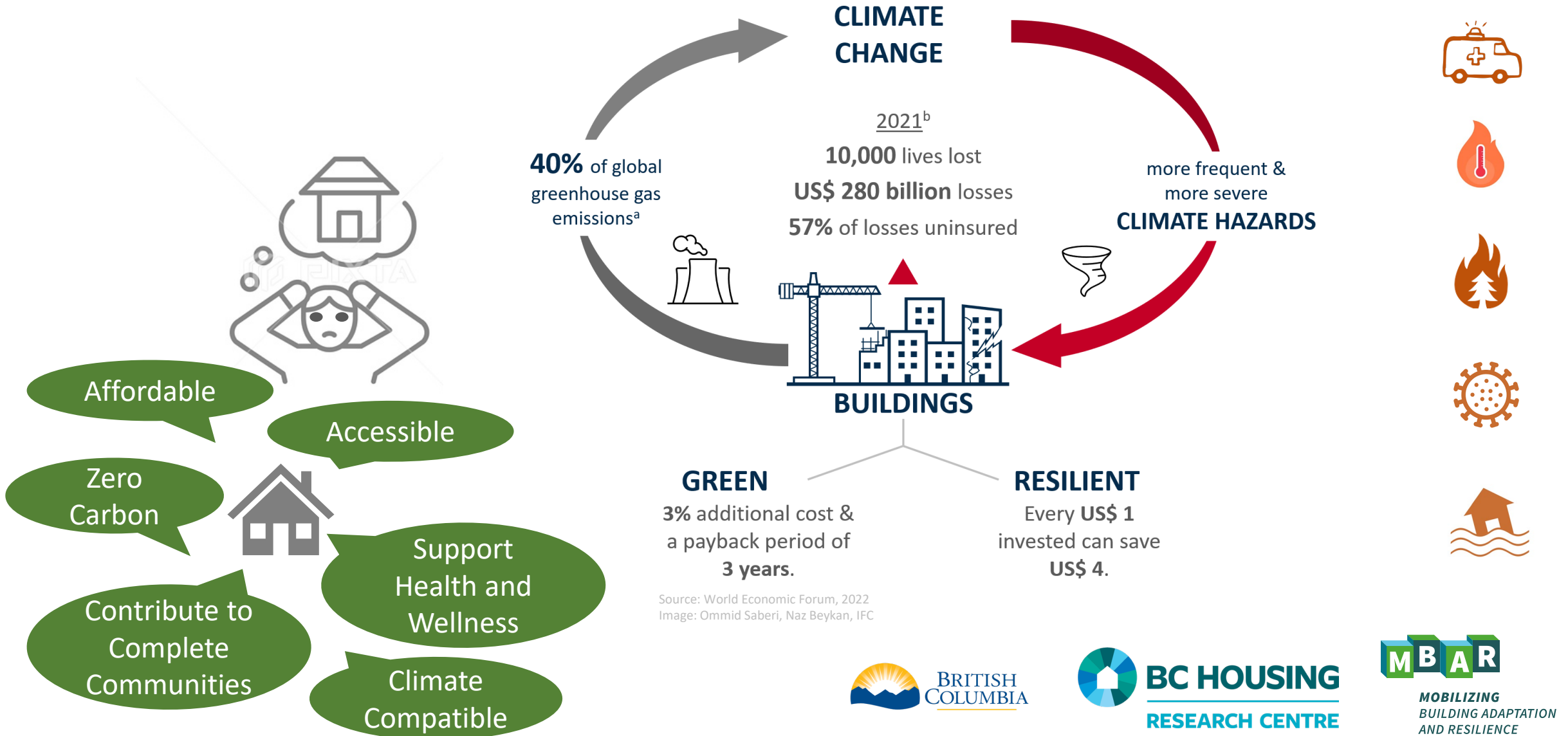


Mobilizing Building Adaptation and Resilience (MBAR) has been a multi-year, multi-stakeholder knowledge and capacity building project funded by BC Housing, the Province of BC, NRCan, BC Hydro, City of Vancouver, and the Lower Mainland Health Organizations, with participation and contribution from over 30 organizations, including national, provincial, and local agencies; and industry partners.

More Resilient Buildings & Homes Quicker



Realizing Resilient Buildings? Learning to Multisolve



Hazards included in Realizing Resilient Buildings (R2B) Study & Toolkit



Extreme heat



Flooding: Coastal and Riverine/Lake



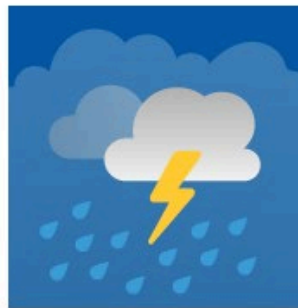
Flooding: Pluvial



Wildland Urban Interface Fires



Wildfire smoke and air quality



Storms and power outage

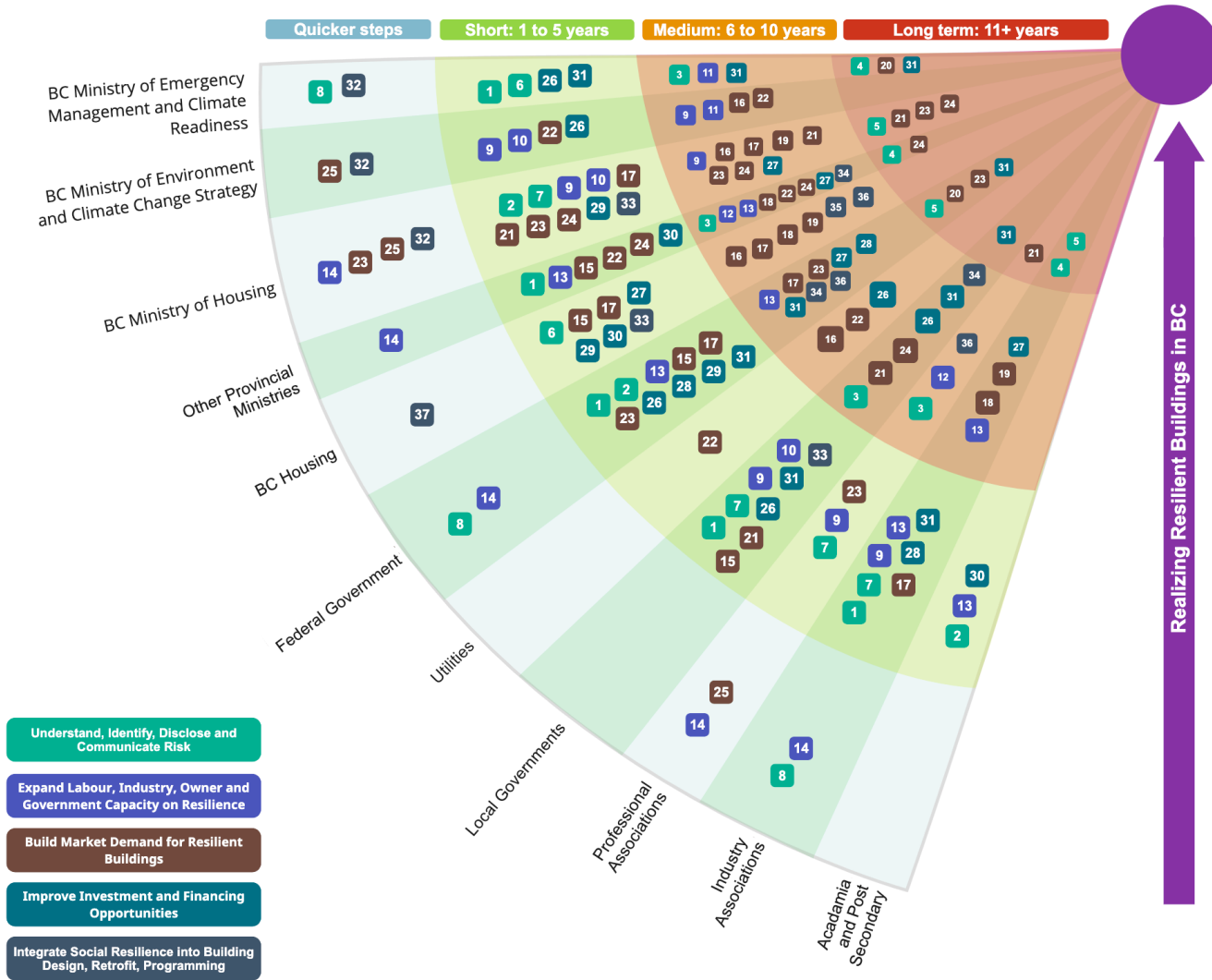


Drought and short-term water shortage



Earthquake

Removing barriers and adding enablers will involve many actors



- the importance of collaboration and of each actor playing their role
- commitment (or at least thoughts) about what each organization can / will contribute to advance the issue
- examples to support overcoming barriers
 - ✓ through leadership in public sector procurement e.g. at BC Housing
 - ✓ use of contracting that supports integrated design and delivery
 - ✓ supporting / undertaking research on retrofit programs
 - ✓ assessing innovative materials and technologies



Talk more in Breakout, or next Monday!

“Save the Dates”

Mon Oct 23, 9:15-10:45 PT, **Input on R2B Recommendations Report**

Mon Oct 23, 14:00-15:30 PT, **Input on R2B Toolkit**

Tue Nov 14, 10:30-12:00 PT, **Info Session on MBAR Pilots**

Wed Dec 6, 10:45-12:00 PT, **MBAR Roundtable on Fire Resilient Buildings & Communities**

Email: **MBAR@bchousing.org**

to express your interest.



Breakout Sessions: Resilience and Adaptation

Risk Assessment 101 | [Mountain room](#) (Orange sign; capacity 105)

Climate Ready BC and the Disaster and Climate Risk and Resilience Assessment | [Terrace Room](#) (Pink sign; capacity 80)

Resilient Buildings (R2B) Project | [Grand Hall](#) (Green sign; capacity 200+)

Resources for Building Public Sector Organizations' Climate Resilience | [Alpine Room](#) (Yellow sign; capacity 45)