

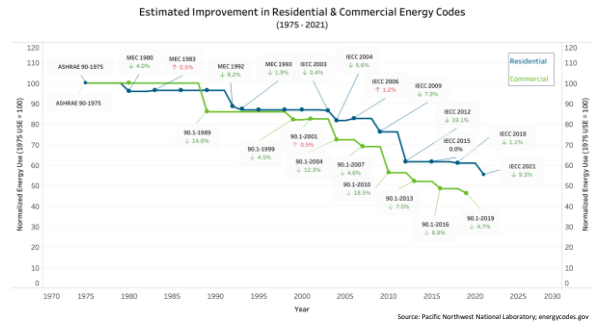
# 2023 Decarbonization Conference for the Built Environment

**October 25-27, 2023**



The conference is organized by:      Location: Renaissance Arlington Capital View Washington D.C. Metro Area

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## Panel 4: Drivers for Decarbonization: Model Codes, Zero Codes, and Building Performance Standards

**Harry Bergmann**  
U.S. Department  
of Energy

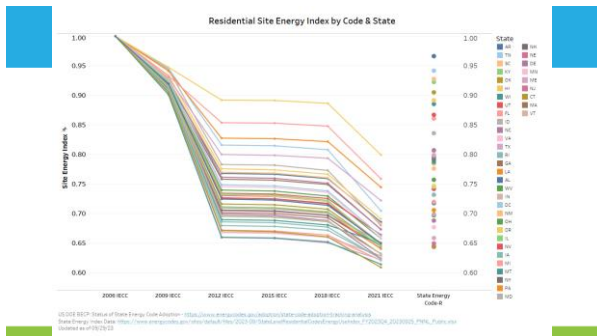
**Bing Liu**  
Pacific Northwest  
National  
Laboratory

**Katie Bergfeld**  
DO Department  
of Energy and  
Environment

**Adam Hinge**  
Sustainable  
Energy  
Partnerships

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## Decarbonizing the Building Stock

### New vs. Existing Buildings

- About 2% of the stock turns over each year.
- Nearly 70% of the buildings that exist now will still exist in 30 years.
- Should most of the focus be on existing buildings? If so, how do we position the industry and workforce to tackle that challenge?

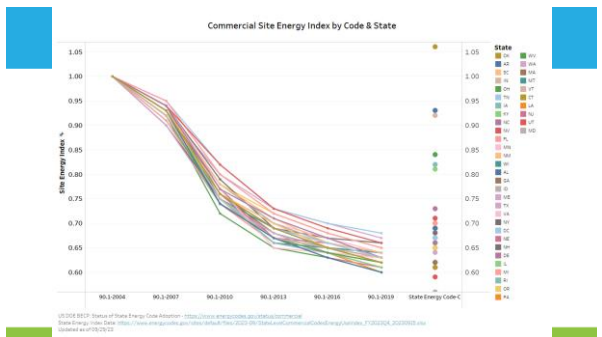
### Place-based Solutions

- Decarbonization must be done equitably, and without increasing energy cost burden.
- How can we decide where to focus? How do we prioritize buildings or places for the most impact?

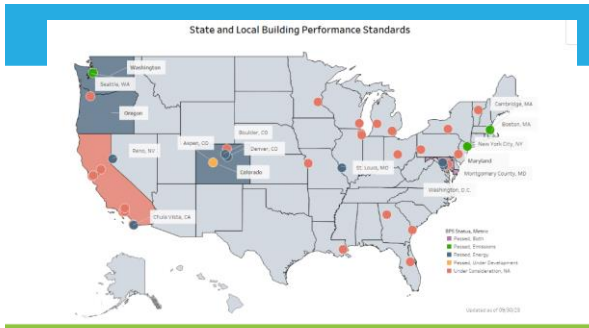
### Zero Codes – What’s all the hype?

- How do new buildings fold into existing building paradigms like BPS?
- On what timeline are zero codes feasible? Do we need outcome-based codes?

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