

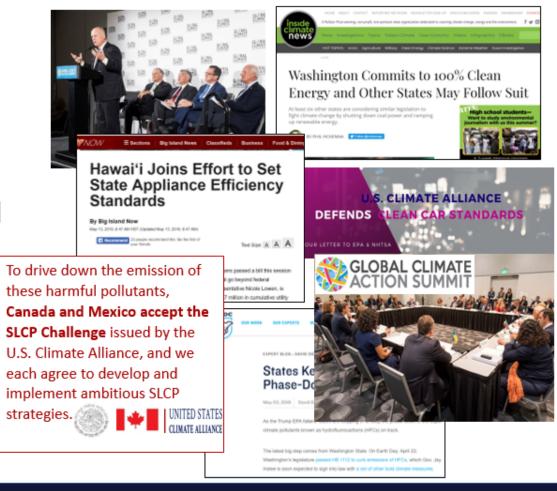
### U.S. Climate Alliance

Bipartisan coalition of governors who work together to achieve goals of Paris Agreement to keep temperature increases below 1.5 degrees Celsius:



- Collectively reduce GHGs by at least 26-28% by 2025; 50-52% by 2030; and achieve overall net-zero GHG no later than 2050
- Accelerate policies to reduce GHG pollution, build resilience, and promote clean energy deployment
- Center equity, environmental justice, and just economic transition
- Track and report progress to global community

- Speak with a Unified Voice
- Multi-State Strategies
- Inspire Action at Home and Abroad
- Support Implementation of State Climate Change Policy Priorities





### **Building Sector Emissions**





buildings burning fossil fuels



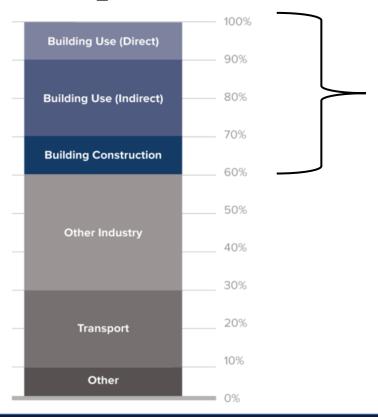
electricity consumed in buildings

### **EMBODIED**

life cycle emissions associated with building materials



## Global CO<sub>2</sub> Emissions by Source



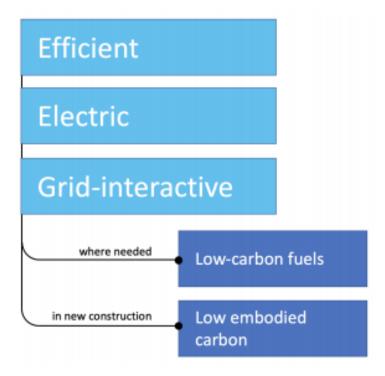
Building construction + operations account for 40% of global CO<sub>2</sub> emissions

### Building Decarbonization Roadmap



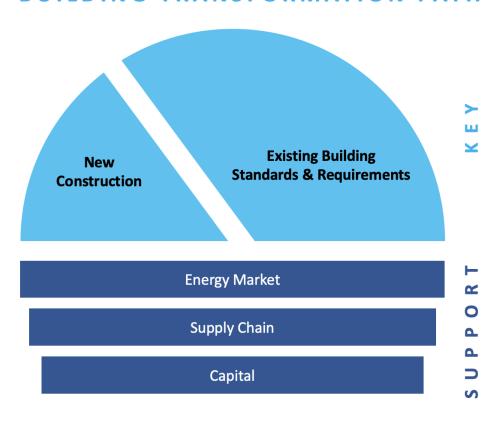
- Produced for USCA by RMI through collaboration with staff from various state offices as well as industry experts
- A tool designed to summarize highest-impact actions that states can take to decarbonize buildings
- Does not represent a policy plan for USCA or any specific USCA states

## Key Principles of Building Decarbonization



#### **BUILDING TRANSFORMATION PATH**

Strategies for Building Decarbonization

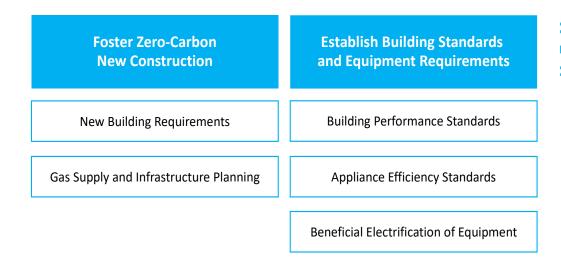


### Using the Roadmap

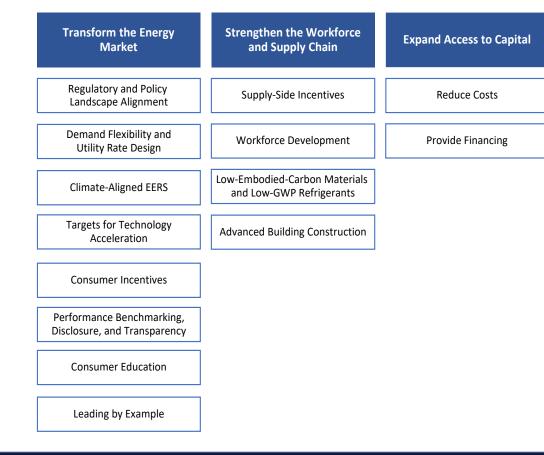
- Frame the policy strategy
- Examples from other states

**Key Considerations Energy and Emissions Impacts** Cost and Fconomic Considerations **Equity Considerations Cross-Sectoral Considerations** State Authority **Potential Challenges Key Partners Policy Variants** State Context Considerations Resources

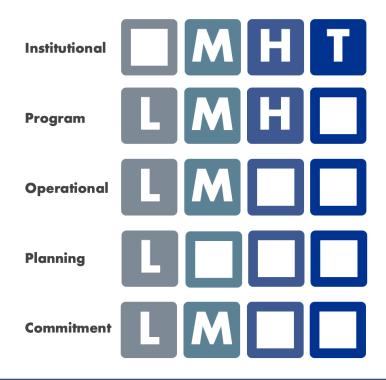
Building
Transformation
Menu:
Key Strategies



Building
Transformation
Menu:
Support
Strategies



### **Expected Impact of Pathways**





UNITED STATES CLIMATE ALLIANCE

# Questions or Clarifications?

Roadmap can be found at: http://www.usclimatealliance.org/publications-1

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