

Boston's Green New Deal, electrification, and affordability

*Oliver Sellers-Garcia, Boston Green New Deal Director
New England Restructuring Roundtable, March 24, 2023*



Boston Green New Deal – Policy Framework

Transitioning to a Boston that thrives by tackling climate change



- **Climate:** Addressing climate change mitigation and/or resilience
- **Liveability:** Allocation of resources and actions toward good jobs and health.
- **Justice:** A commitment to structural transformation needed to create racial and economic justice.



Green New Deal Priorities

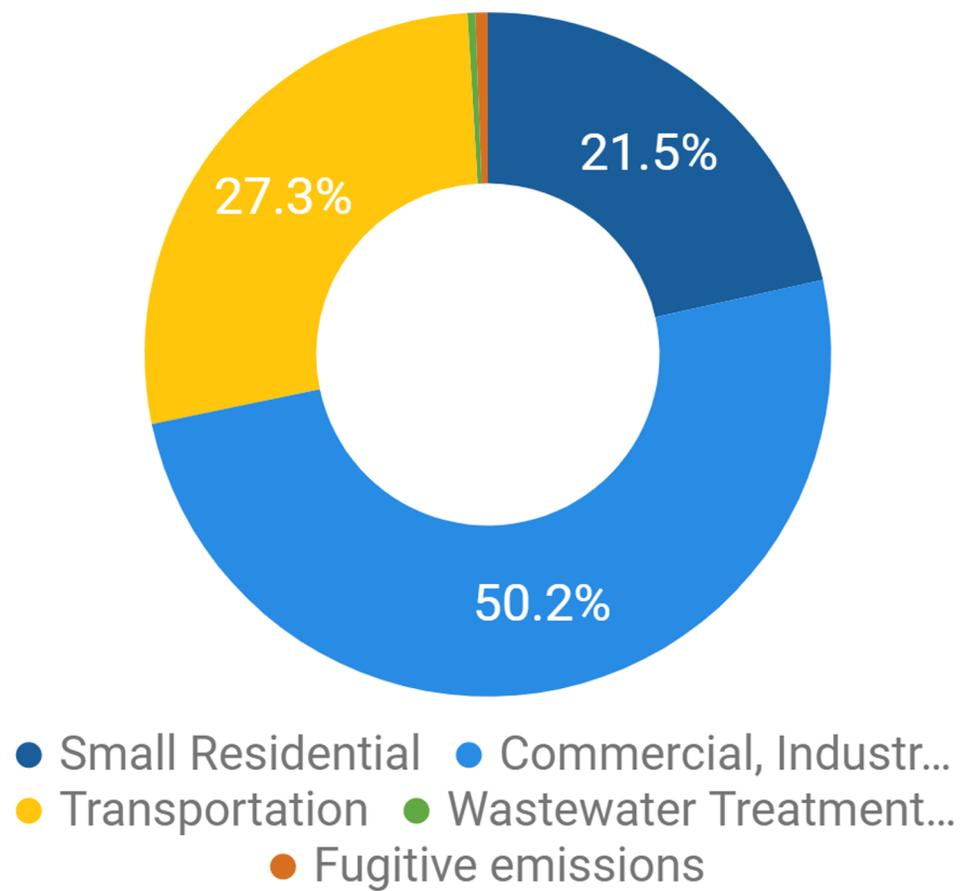
- Remove fossil fuels from the built environment and economy
- Build resilience infrastructure
- Use climate investment as a way to change economic outcomes
- Receive as much federal funding (IRA, BIL) as possible
- Model how it gets done at scale



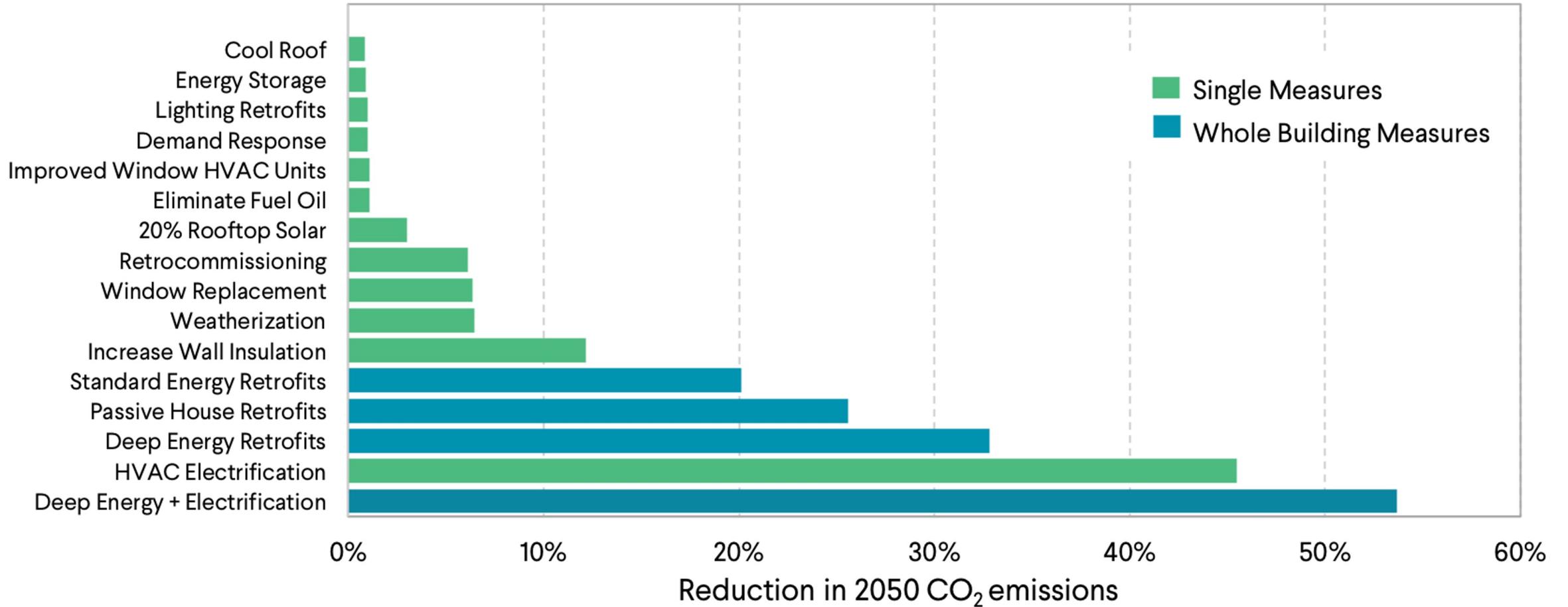
Where our emissions come from

- Large buildings account for nearly half of our citywide emissions.
- 68% of transportation emissions come from personal vehicles.
- 36% of emissions come from combustion of gas and oil.

2020 EMISSIONS BY SECTOR



Whole building measures have the greatest impact



Goals, challenges, and initiatives

- 2030 fossil fuel-free public housing
- BERDO: net-zero existing buildings by 2050
- Stretch energy code and fossil fuel free demonstration program
- Affordable housing green energy retrofit programs
- Mass Save
- Inflation reduction act (tax credits, grants, state-administered programs)
- Grid modernization and resilience + supply chain
- Electricity rates