

SCALE ZERO

Healthy, Zero-Emission Affordable Housing for All
2021



MISSION

Scale Zero will decarbonize existing buildings across the US and improve living environments in affordable housing by enhancing air quality, temperature control and building resilience. With your help, we can achieve a future in which all buildings are healthy for people and the planet.

THE SCALE ZERO TEAM

RMI, the Association for Energy Affordability, Emerald Cities Collaborative, Enterprise Community Partners, and NYCEEC bring a unique blend of expertise in climate, affordable housing, green financing, and economic inclusion.

Together we have:

- **40 years of experience** enabling a just, zero-emission future.
- **Spurred \$3.9 billion in investment** in 127,000 green, affordable homes.
- **Expertise in green building** with training and family-supporting jobs.
- **\$200M+ invested in clean energy projects** across Mid-Atlantic and Northeast.

WE WILL

Deploy a **joint policy and implementation approach** to increase the retrofit rate of affordable housing by **5x** by 2030 and directly eliminate nearly **60 million tons** of greenhouse gas emissions.

1. **POLICY:** Advocate for incentives and policies which allow for demand aggregation and at least 50% cost reduction of zero-emission retrofits.
2. **IMPLEMENTATION:** Develop five states or large urban centers as national leaders on inclusive, scalable practices by demonstrating a successful retrofit package approach.

OUR FUNDING ASK

\$16M for one state over five years

\$24M for two states over five years

\$30M for three states phased over five years

\$35M for four states phased over five years

\$37M for five states phased over five years

Your commitment to Scale Zero is essential in the climate fight.

Funding needs represent absolute costs and do not reflect synergies from existing funding. All funding options include support for federal policy efforts.

THE BUILDING RETROFIT PROBLEM

Buildings are responsible for **35%** of the nation's energy-related greenhouse gas (GHG) emissions.

4 million housing units must be retrofitted every year to meet our climate goals and ensure healthy, affordable housing for all.



HUMAN HEALTH

- 8,300 early deaths per year in the United States are the result of outdoor air pollution from buildings.

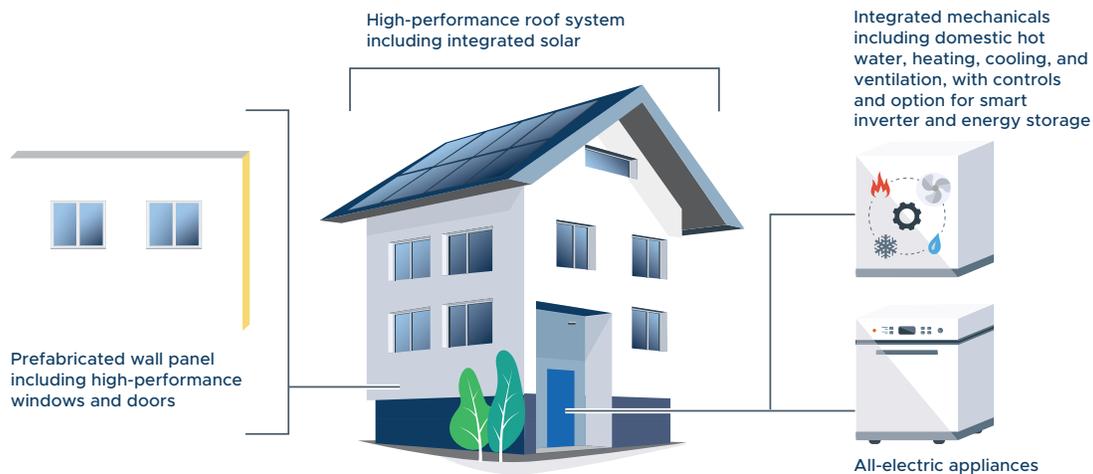
CLIMATE

- Over 70% of today's existing buildings will still be around in 2045, yet there is no streamlined solution to address their climate impact.
- Burning fossil fuels in buildings creates levels of pollution that would be illegal outdoors.

OUR APPROACH

- Implement zero-emission retrofit packages in the affordable housing sector in states and urban centers that can scale to create new markets.
- Motivate the building industry to streamline and standardize retrofit packages.
- Advocate for policy levers that accelerate the deployment of retrofits in affordable housing and beyond.

THE RETROFIT PACKAGE



To learn more about Scale Zero, please contact:
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