

BENEFITS OF BUILDING DECARBONIZATION

HEALTH IMPROVEMENTS

Buildings affect our health in more ways than what is immediately obvious. This is because building owners and managers usually make several improvements at the same time.

Common decarbonization measures that can improve our health include:

- Upgrading ventilation systems to filter and move more air in a shorter amount of time. This can reduce the spread of infectious diseases.
- Upgrading AC systems and heating can reduce the likelihood of heat stroke or hypothermia during extreme weather.
- Switching from gas-powered to electric appliances can prevent respiratory issues associated with gas inhalation.

ENERGY BILL SAVINGS

Everyone should have access to affordable energy. Over the past decade, energy bills have become less affordable due to longer and more intense summers and winters. This creates a burden on people who cannot afford extra heating or AC. When our buildings are more energy efficient, energy bills become more affordable and people stay warm or cool regardless of weather.

BUILDING RESILIENCE

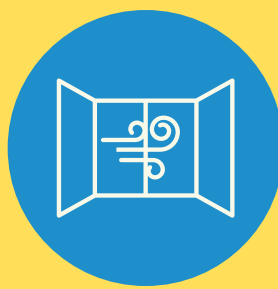
About 70% of Americans have experienced at least one form of extreme weather as of May 2024 (PRC). You are more susceptible to weather events like storms, wildfires, floods, and extreme temperatures if your building was not built to withstand these events. Many of the upgrades that reduce our energy also make our buildings more resilient against climate change.



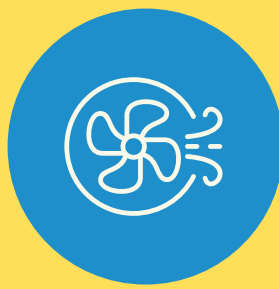
Reinforcing roof and attic insulation can keep our homes at an appropriate temperature during power outages



Insulating water pipes prevent water from freezing during extreme cold events



Covering drafts on doors and windows can keep your home at an appropriate temperature during extreme heat and cold



Upgrading and maintaining ventilation systems can reduce wildfire smoke in your home during wildfire season