



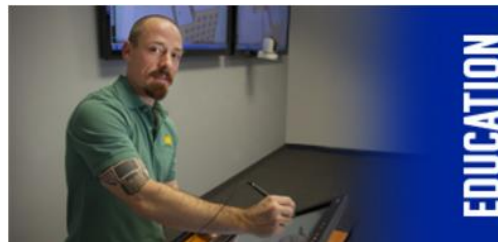
Filling The Workforce Vacuum:

Achieving NYC's 80 X 50 Goals by Developing a Skilled Workforce

Association for Energy Affordability

Energy Efficiency is our Specialty, Affordable Housing is our Priority

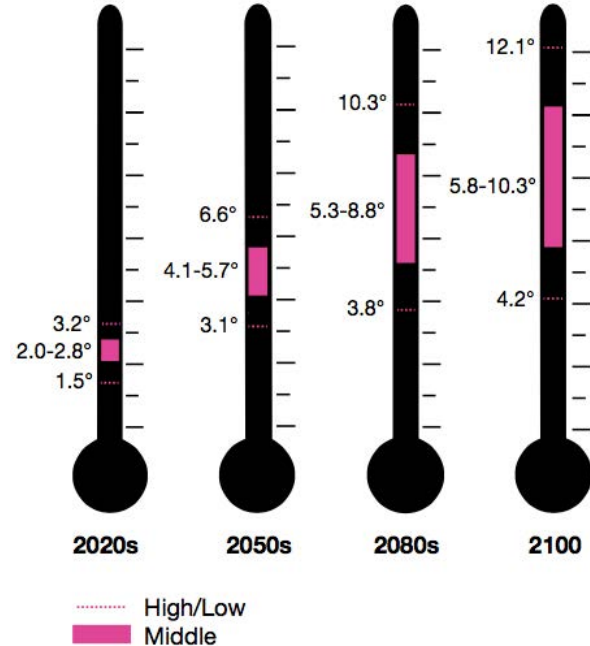
- The Association for Energy Affordability, Inc. is dedicated to achieving energy efficiency in new and existing buildings in order to foster and maintain affordable and healthy housing and communities, especially those of low-income.
- With locations in NY, CA, and IL AEA representatives engage in a broad range of educational, technical and construction management activities and services to promote this mission and develop the industry that advances and sustains it.
 - Energy Audits and Green Building Design for New Construction and Existing Buildings
 - Passive House Consultants and Contractors
 - Energy Efficiency Program Design and Implementation
 - Provider of Weatherization Assistance Program Services
 - National Weatherization Training Center
 - BPI Test Center



NYC 80X50

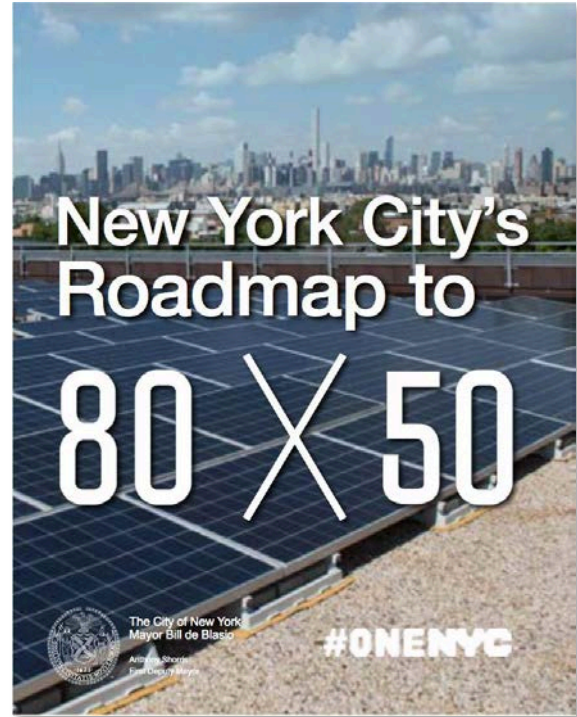
In September of 2014, New York City committed itself to reducing greenhouse gas emissions by at least 80% by 2050.

Expected Temperature Increases in NYC
Baseline (1971 - 2000) 54°F



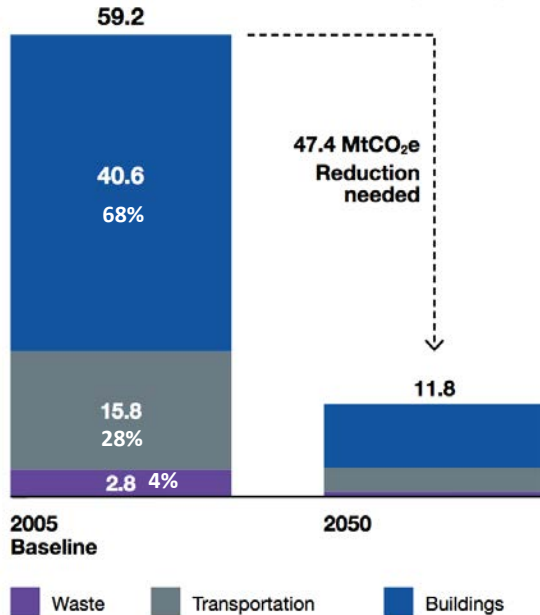
NYC's Roadmap to 80X50

- To support this goal NYC produced a comprehensive report that assessed what will be necessary to achieve this level of GHG reduction.
- NYC must accelerate efforts to improve each sector – buildings, energy supply, transportation, and waste.
 - Make buildings and vehicles significantly more efficient, replace many fossil fuel-based heating and domestic hot water systems, and transition to a renewables-based electric grid.

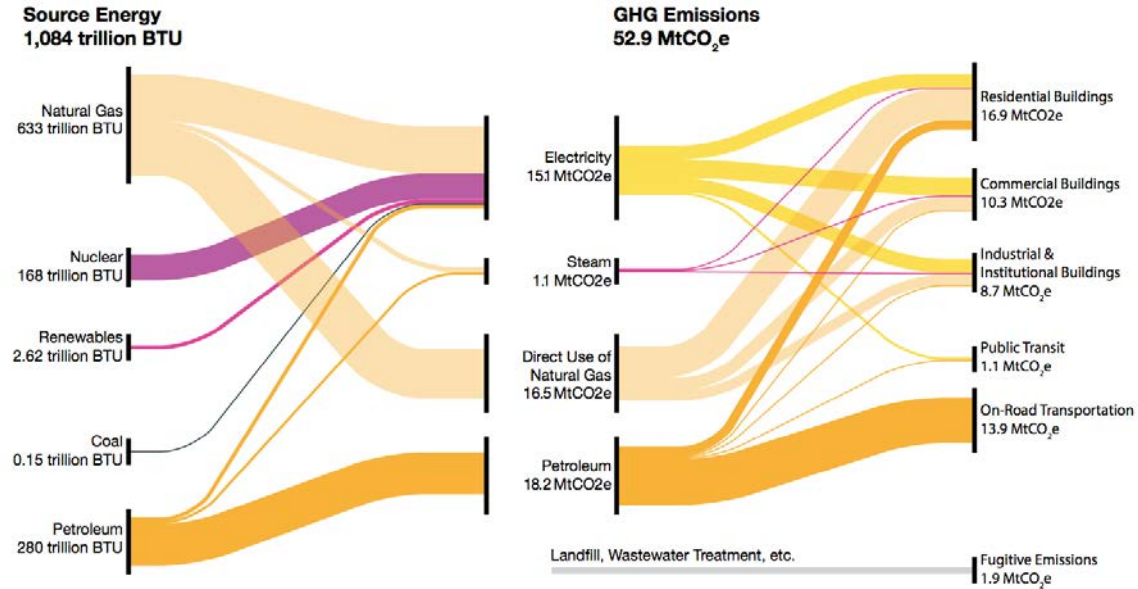


NYC's Roadmap to 80X50

80X50 Target GHG Emissions Reductions



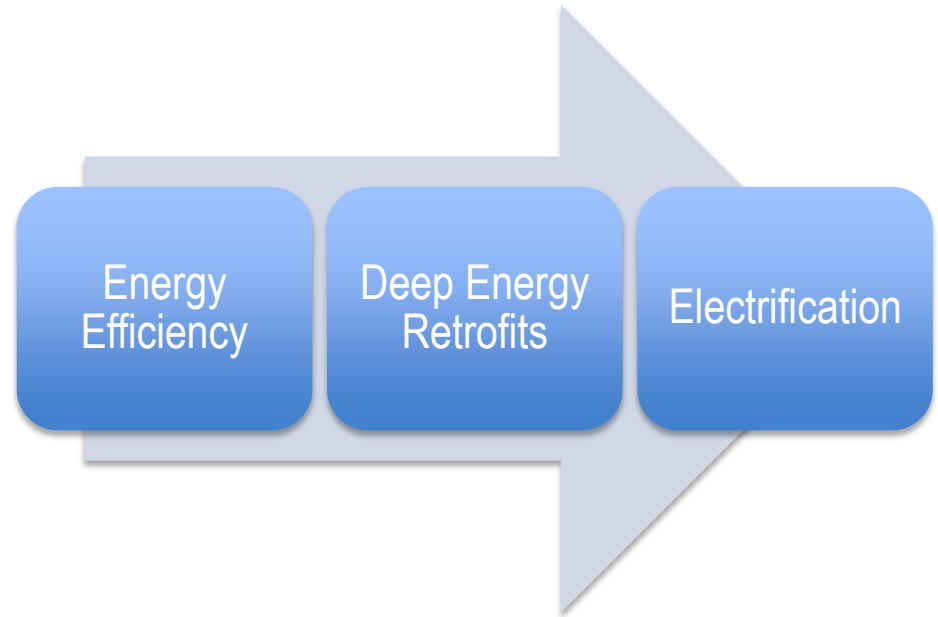
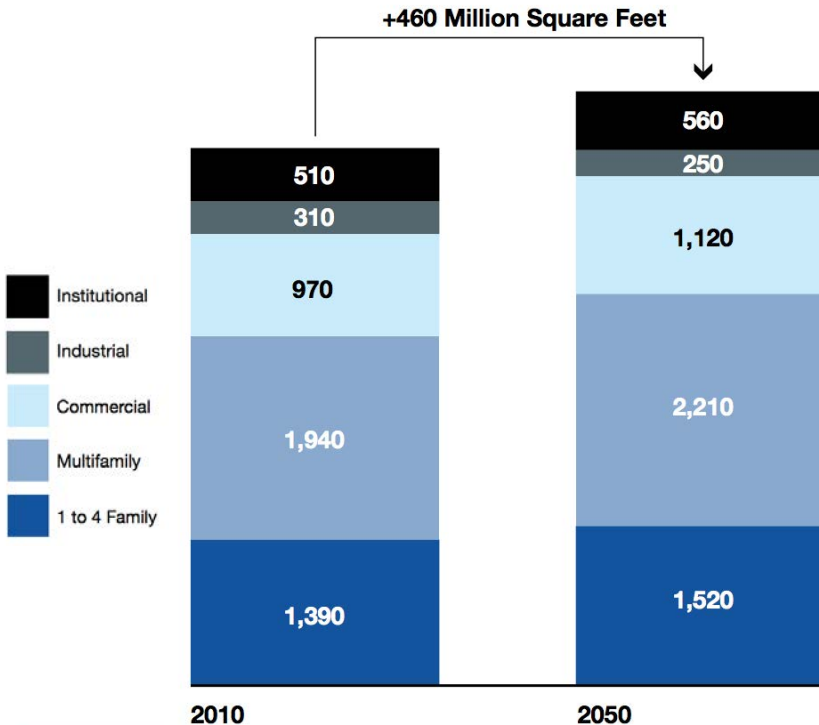
2014 New York City Energy Consumption and GHG Emissions



Existing Buildings

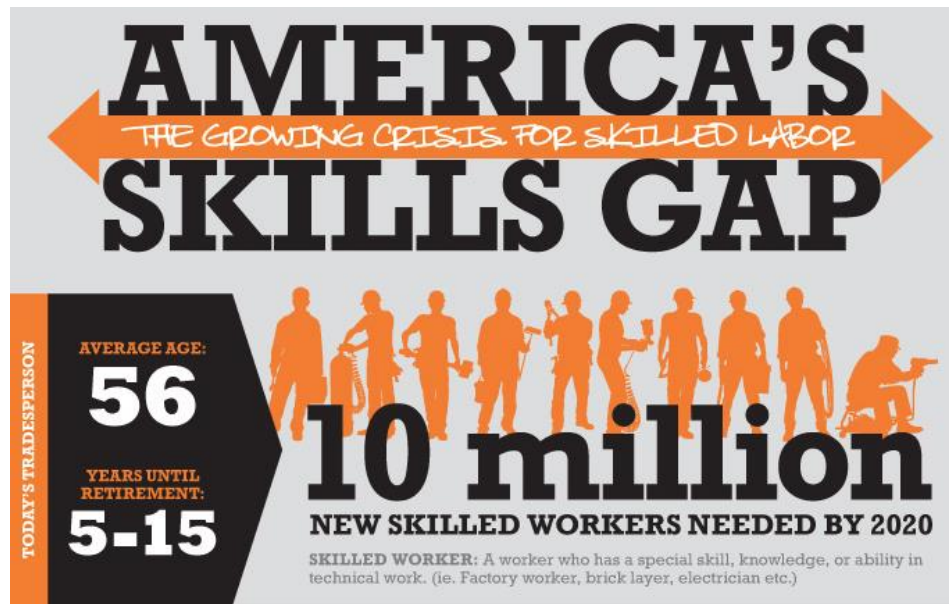
Projected Growth in Built Area by Building Use

Pathway to Achieve 80 X 50



New York City's goal of being the most sustainable big city in the world, and global leader in the fight against climate change will require a skilled labor force ready to take on this ambitious challenge.

America's Skilled Trade Gap



The U.S. Might Not Have Enough Construction Workers to Rebuild Houston After Harvey

Slate

Strong demand for construction workers likely to swell further in storms' aftermath

SunSentinel

Companies can't find workers to rebuild after Harvey and Irma

The Washington Post
Democracy Dies in Darkness

Will Houston find enough workers to rebuild after Harvey?

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