

# **New Jersey's Vision for Workforce Development in the Clean Buildings**

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April 2, 2025

BILT Meeting



# Topline Administration Climate Goals



**50% emissions  
reduction by 2030**



**100% clean  
electricity by 2035**

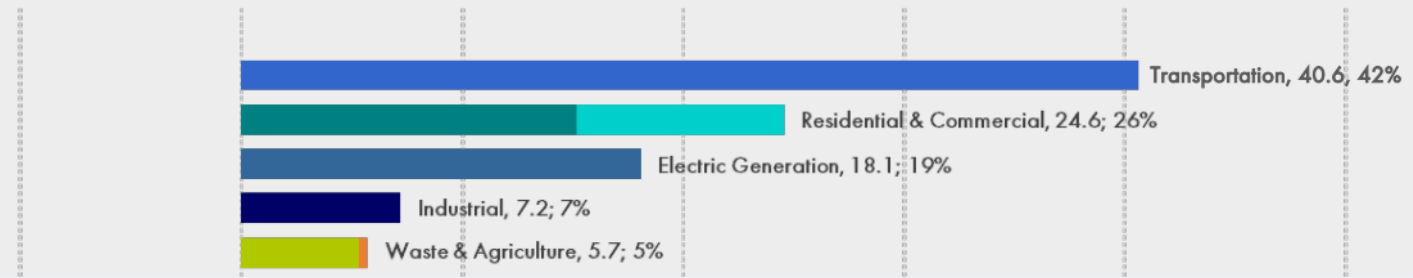


**GWRA 80% emissions  
reduction by 2050**



- Buildings constitute over 25% of NJ's total emissions

*Figure 1. New Jersey GHG Emission Inventory for 2018 (MMT CO<sub>2</sub>e and Percentage).  
Opportunities for emissions reductions are present in each of the categories.*



## Executive Order No. 316

- Install zero carbon emission space heating and cooling systems in 400,000 homes and 20,000 commercial properties by 2030
  - 10% of low to moderate income households electrification ready by 2030

# Clean Buildings and Green Jobs

- Workforce development will support clean building goals while creating high-quality, high-paying, local jobs
- Proactive planning helps prioritize resources, identify workforce gaps and expand successful programs
- Energy-efficiency-related jobs have increased 20% over the past four years, with a 6.5% average annual growth rate



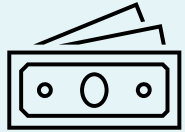
# Growing Green Jobs |



- 12% increase in green economy workforce since 2021
- Green jobs provide higher wages than the national average
- 87% of projected gross employment growth in NJ's energy economy is from green sectors



# NJ Report on Green Economy Recommendations: The Role of State Government



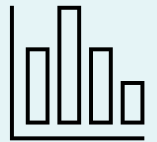
**Increase awareness of state and federal funding and incentives to boost business and attract more diverse employees**



**Increase funding for vocational-technical schools and community colleges**



**Fill knowledge gaps about occupations and career paths to support new workers' interests**



**Agencies to ensure the effective placement, tracking, and retention of graduates from state programs to strengthen green workforce pipeline**

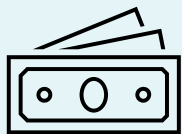
# New Jersey Clean Buildings Working Group: Workforce Recommendations



**Establish a Clean Buildings  
Training Hub**



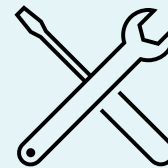
**Establish a Career Pathways Tool**



**Provide continued funding  
for training programs with  
wraparound services**



**Conduct a building  
decarbonization workforce  
needs and gap assessment**



**Expand existing  
opportunities and target  
overburdened communities**

# All Hands On Deck



**Building Our Resilient, Inclusive, and Diverse Green Economy (BRIDGE)**

**Energy Efficiency Triennium 1 & 2**

**Youth Inclusion Initiative**

**Green Workforce Training Grant Challenge & Offshore Wind Workforce Development and Skills Grant**

**Clean Energy Jobs Program & Pre-Apprenticeship in Career Education (PACE)**

**Codes & Licensing**





## 2019

- Workforce training programs that emphasize necessary local expertise and support workers
  - ✓ Develop a Workforce needs assessment for the clean energy economy
  - ✓ Establish a Clean Energy Job Training programs
  - ✓ Establish Vocational training to establish a pipeline of specialists
  - ✓ Create Incentives for the installation of projects by local workforces

## 2024

- Forthcoming plan projects close to 60,000 new green jobs through 2035, mostly in power and buildings sectors





GOVERNOR'S OFFICE OF

**CLIMATE  
ACTION  
AND THE GREEN  
ECONOMY**