


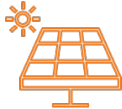










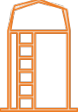


AEG NORTHEAST GREEN JOBS CHALLENGE



ROXBURY COMMUNITY COLLEGE
May 31th , 2023
Gregory King, Managing Director

Introduction

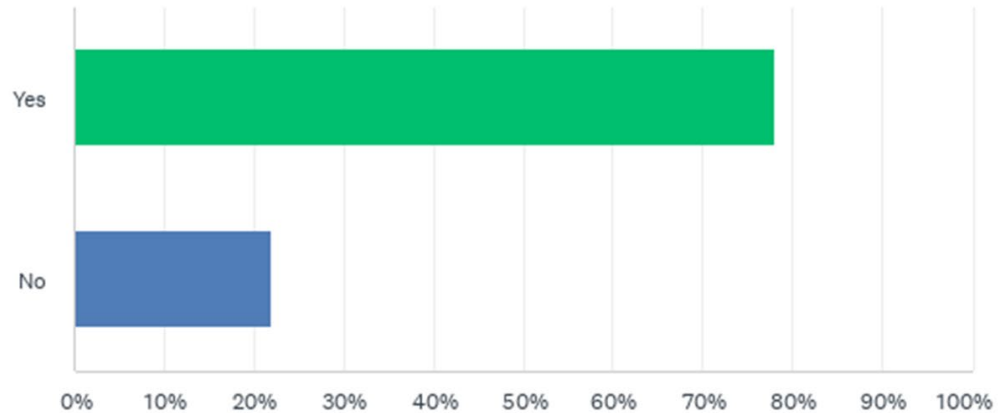
We are rapidly approaching a climate mitigation “tipping point” fueled by Green House Gas (GHG) emissions from Power Plants, Buildings and Vehicles.

	Green House Gas Emissions Globally	Capital Needed to Decarbonize				
Energy	27%	\$61T				
Advanced Transportation	17%	\$75T				
Buildings & Industry	30%	\$14T				
Agriculture	13%	\$15T				

The Decarbonization Challenge

There is an acute and growing shortage of the skilled workers we need to decarbonize Power Generation, Buildings, Transportation and Agriculture. In a recent solar workforce needs assessment survey 80% of employers indicated that they have job openings.

Q6 Does your business currently have job openings?



Solar Workforce Needs Assessment – April 2023

Key Obstacle

According to a recent report published by the Blue Green Alliance the Inflation Reduction Act will create 9 million clean energy jobs over the next decade.

In order to meet the demand for skilled clean energy workers we must increase the size and diversity of the clean energy workforce. This will require coordinated “Barrier Mitigation” efforts

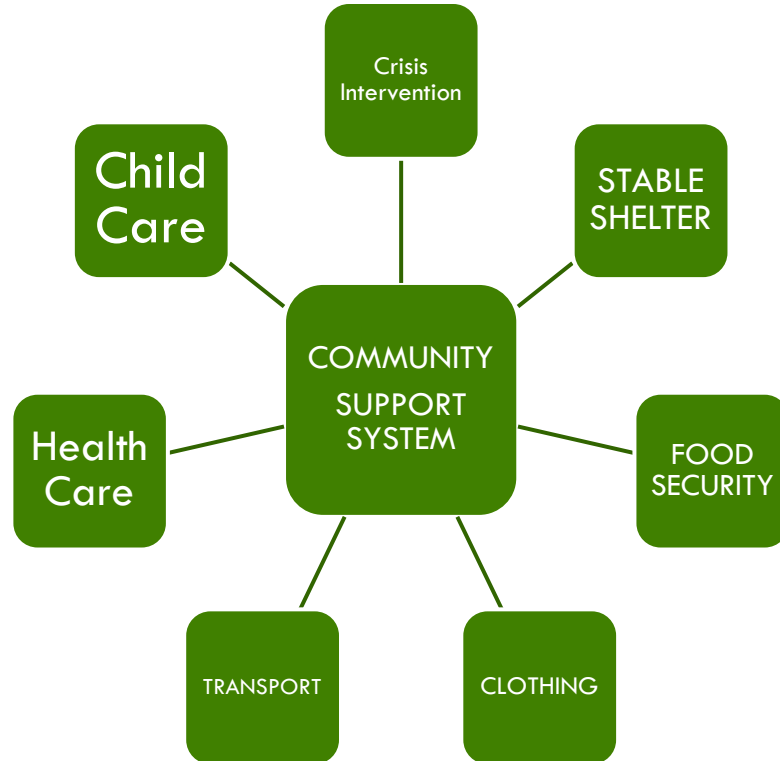


According to ACEEE, “Historically, many marginalized groups have been underserved, overlooked, and underrepresented in local clean energy planning and policymaking. These groups can vary from place to place but often include people of color, low-income residents, older adults, indigenous peoples, immigrants, people with disabilities, and people experiencing homelessness.”

Diverse Worker Barrier Mitigation

In order to recruit and workers from marginalized communities we need to create a robust community wide support system.

This system needs to provide the expertise and resources that proactive address the many barriers entry level low income workers face.



Challenge Statement

"To achieve the Northeast's demand for workers in Greentech industries, a critical obstacle to collectively overcome in 12 months is development of a network of community-based organizations that can provide critical support services ."

