

Clean Energy Partnership Advisory Group



January 2023

Agenda

Introduction & Announcements

Program Updates

University of Maine

Workforce Development

Next Steps & Adjourn



Announcements

- **Federal funding opportunities:**

- [JAN 13*] Grid Innovation Program
- [JAN 20*] Addressing Key Deployment Challenges for Offshore, Land-Based, Distributed Wind
- [JAN 26*] Energy Efficiency in Public Schools
- [JAN 31*] Resilient & Efficient Codes Implementation
- [FEB 14] Technical Assistance for Brownfields
- [MAR 31] Preventing Outages and Enhancing Resilience of the Electric Grid (Formula)
- [APR 7] Regional Clean Hydrogen Hubs
- [APR 21] Energy Efficiency Revolving Loan Fund Capitalization Grant Program (Formula)

* Concept paper due

- **Other resources, opportunities & announcements:**

- Cleantech Open Accelerator: [applications open through April 16th](#)
- Inflation Reduction Act: [Clean energy tax credits for consumers guide](#) (DOE)



Announcements

Press Releases

Pingree Secures \$2.75 Million to Support Maine's Clean Energy Workforce

Community Project Funding for Maine Governor's Energy Office will support the Maine Clean Energy Partnership Workforce Initiative

NEWSROOM / PRESS RELEASES

March 11, 2022

King Announces Over \$137 Million in Direct Congressional Funding for 93 Maine Projects

Program Updates

- Clearinghouse

- A clean energy workforce attraction campaign would **increase awareness and elevate perception of clean energy jobs** to attract more individuals to clean energy jobs and sectors supporting clean energy economy

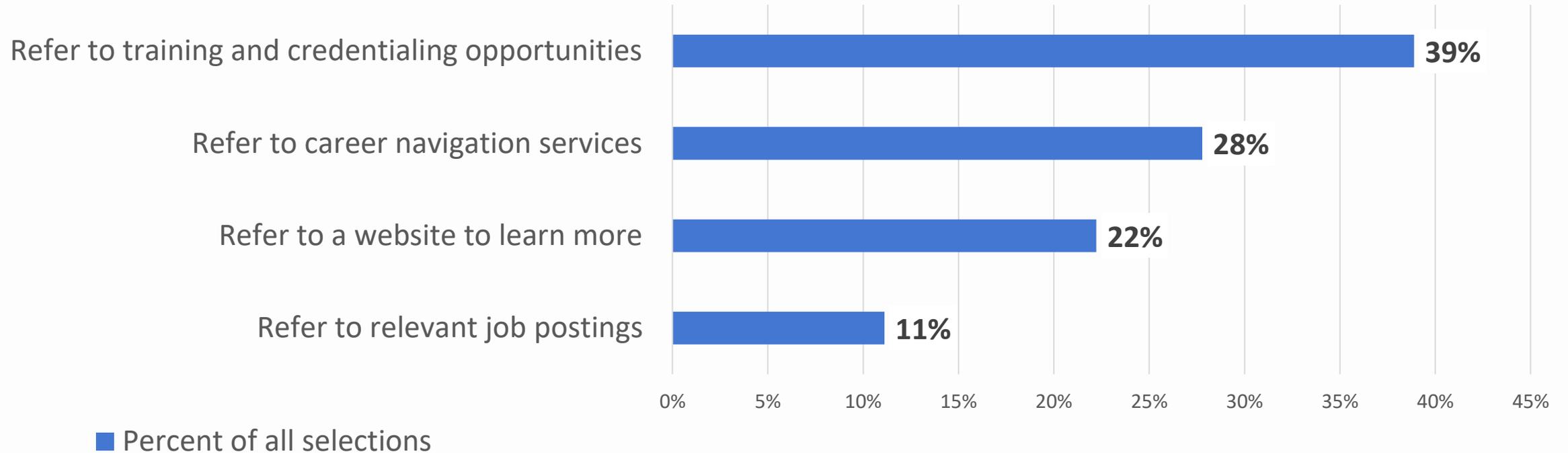
AG Input: If a lead is generated via an attraction campaign, what should the next step be? (E.g., refer to informational website, or to relevant job postings?)

AG Input: Who is the right audience for an attraction campaign?



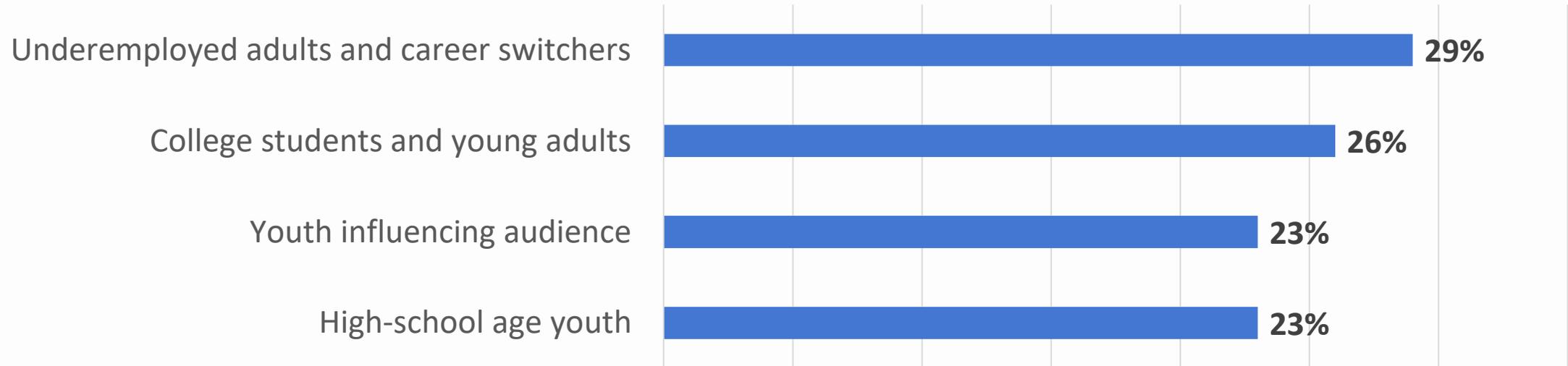
Program Updates

If a lead is generated via an attraction campaign, what should the next step be?



Program Updates

Who is the right audience for an attraction campaign?



■ Percent of all selections



Program Updates

- Innovation
 - Seeking input from Advisory Group members and stakeholders on innovation funding opportunity concepts.

AG Input: Would you be willing to provide feedback on the concepts?



University of Maine

Workforce Development

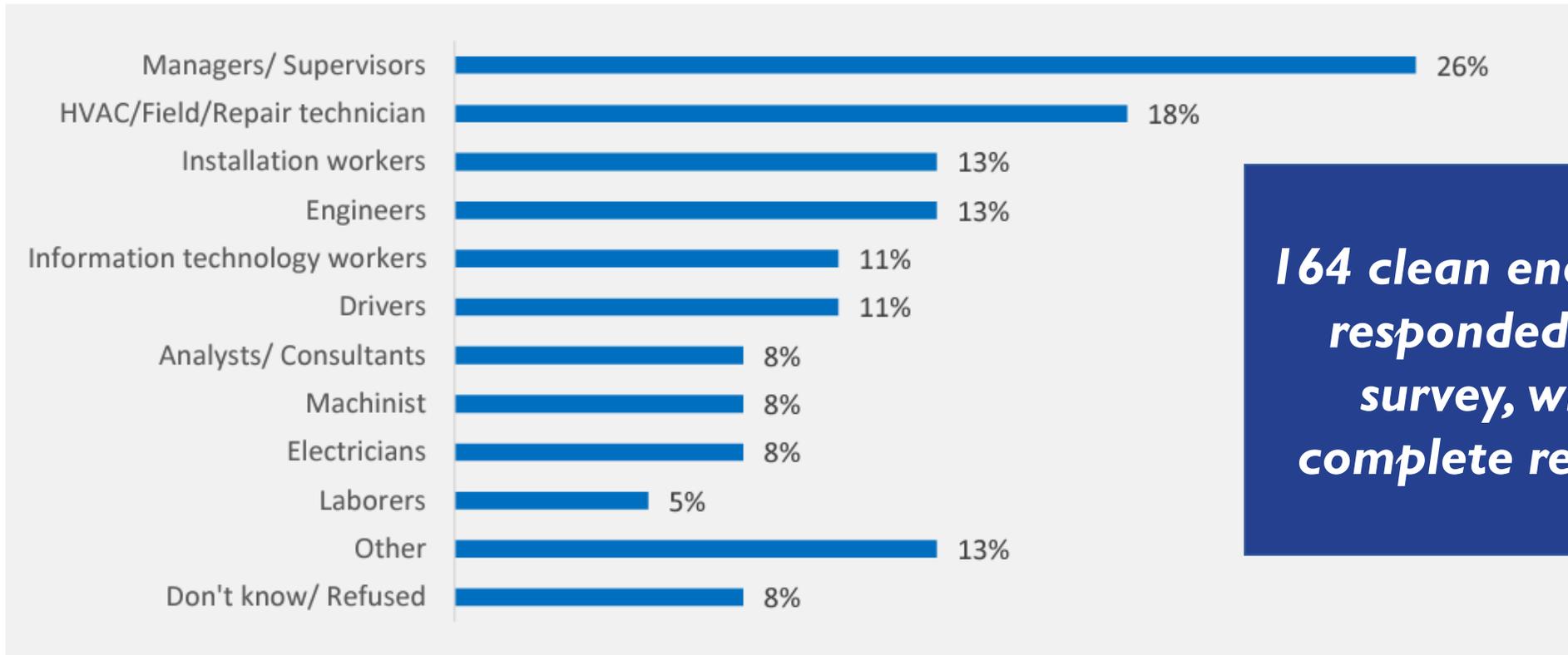
Clean Energy Workforce Recommendations

1. Expand access to apprenticeships and other earn-and-learn models
2. Increase offerings of hands-on courses and modules geared towards learning “trade skills” in early education settings
3. Create a clearinghouse for clean energy workforce development efforts, resources, and funds in the state
4. Offer training stipends and other incentives to support business’ onboarding, recruitment, and training costs
5. Provide pathways to independence and entrepreneurship, particularly for lower-wage jobs in weatherization



Clean Energy Workforce Recommendations

FIGURE 38. DIFFICULT POSITIONS TO FILL



164 clean energy firms responded to this survey, with 43 complete responses.



Workforce Development Awards (RFP 202205077)

- The Governor's Energy Office has awarded approximately \$2.5 million in grants to nine entities to advance clean energy workforce development programming in the state:
 - **Attracting new workers** to the clean energy and energy efficiency workforce
 - **Providing career training and upskilling** opportunities to existing workers
 - **Increasing diversity and representation** in the clean energy workforce
 - **Facilitating entry into rewarding and high-paying jobs** in clean energy through new and expanded internship, Registered Apprenticeship, and pre-apprenticeship models



Northeast Energy Efficiency Partnerships



**AGC
MAINE**
THE CONSTRUCTION
ASSOCIATION



**BUILDING
PERFORMANCE**
ASSOCIATION

[Summary of CEP Workforce Development Awards](#)



Workforce Development Awards (RFP 202205077)

- Weatherization and energy efficiency workforce recruitment, credentialing, and training/education programs and offerings
- Solar workforce recruitment, credentialing, and training/education programs and offerings
- Expanded construction pre-apprenticeship programs for students
- Clean energy internship pilot program for students and residents
- Offshore wind training and credentialing for union ironworkers, educational programming for students



Building Performance Association

xwalter@building-performance.org

[Goodwill AmeriCorp/Building Performance Association State Coordinator Position](#)

Northeast Energy Efficiency Partnerships



ReMaine

Internships with Maine Clean Energy Companies

John Balfe and Chase Macpherson, NEEP

Northeast Energy Efficiency Partnerships



Mission

We seek to accelerate regional collaboration to promote advanced energy efficiency and related solutions in homes, buildings, industry, and communities.

“Assist the Northeast and Mid-Atlantic region to reduce building sector energy consumption by at least 3% per year and carbon emissions by at least 40% by 2030 (relative to 2001)”

Project Overview



Funded by ME
GEO

32 Participants

40% Women
30% BIPOC

\$18-\$22/hr. +
50%
Contribution

Training, wrap-
around services,
and education

Various Clean
Energy Roles

Project Partners



How to Get Involved

- Project Advisory Committee
 - Supporting the long-term development of the program
- Interested in hosting an intern? Or do you have connections to potential candidates?
 - Reach out to John and Chase to setup a call

Thank you!

jbalfe@neep.org | cmacpherson@neep.org

ReVision Energy



REVISION ENERGY TRAINING CENTER

Pre Apprenticeship

Renewable Energy Careers:
Solar and Heat Pumps
Portland Adult Education

Solar Career Exploration
LearningWorks YouthBuild

Online PV Associate Program
ReVision Energy

Apprenticeship Programs

REEAP
Electrical Apprenticeship

TSAP
Technical Sales Apprenticeship

CSAP
Customer Service Apprenticeship

REMAP
Manager Apprenticeship

SDAP
Solar Design Apprenticeship

Credentialing Documentation

License Renewal
Professional Experience
Apprenticeship Standing

Licensing Exam Application
Professional Experience
Apprenticeship Transcript

OSHA 10

NFPA 70E

NABCEP Certification
Training Documentation

Continuing Education

Internal Training

External Training

Professional Development
Reimbursement Management

Incumbent Worker
Training Funds



Save the World



CAREERS

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[Benefits & Culture](#)

[Apprenticeship Program](#)

[Training Center](#)

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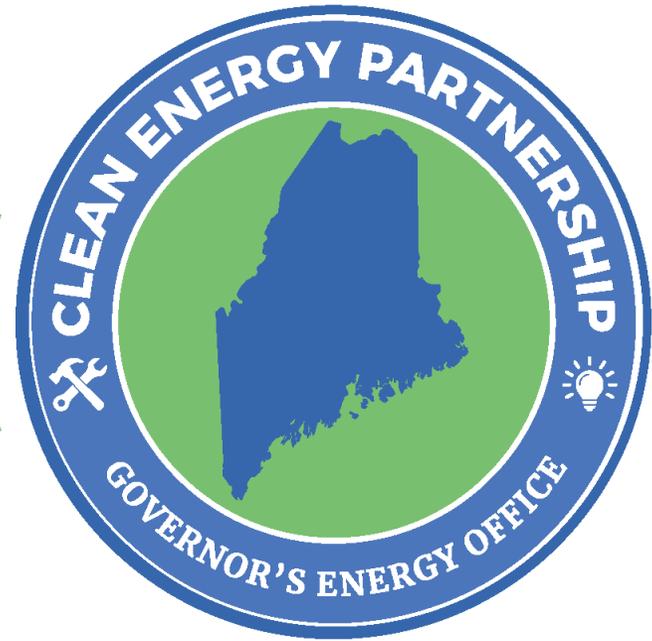
BECOME AN Electrician Superhero

The biggest threat to our fight against the climate crisis is a severe lack of electricians. To meet our climate goals the U.S. will need to develop roughly **one million new electricians** in the next decade.

After the [passage of the Inflation Reduction Act](#), we are increasing our efforts to "electrifying everything" while decarbonizing our electrical generation sources. However, we do not have the workforce to build and maintain this crucial electric transition.

Without significant intervention, we will fall 600,000 electricians short.

Next Steps



Feedback

Next Meeting

www.maine.gov/energy/initiatives/cep