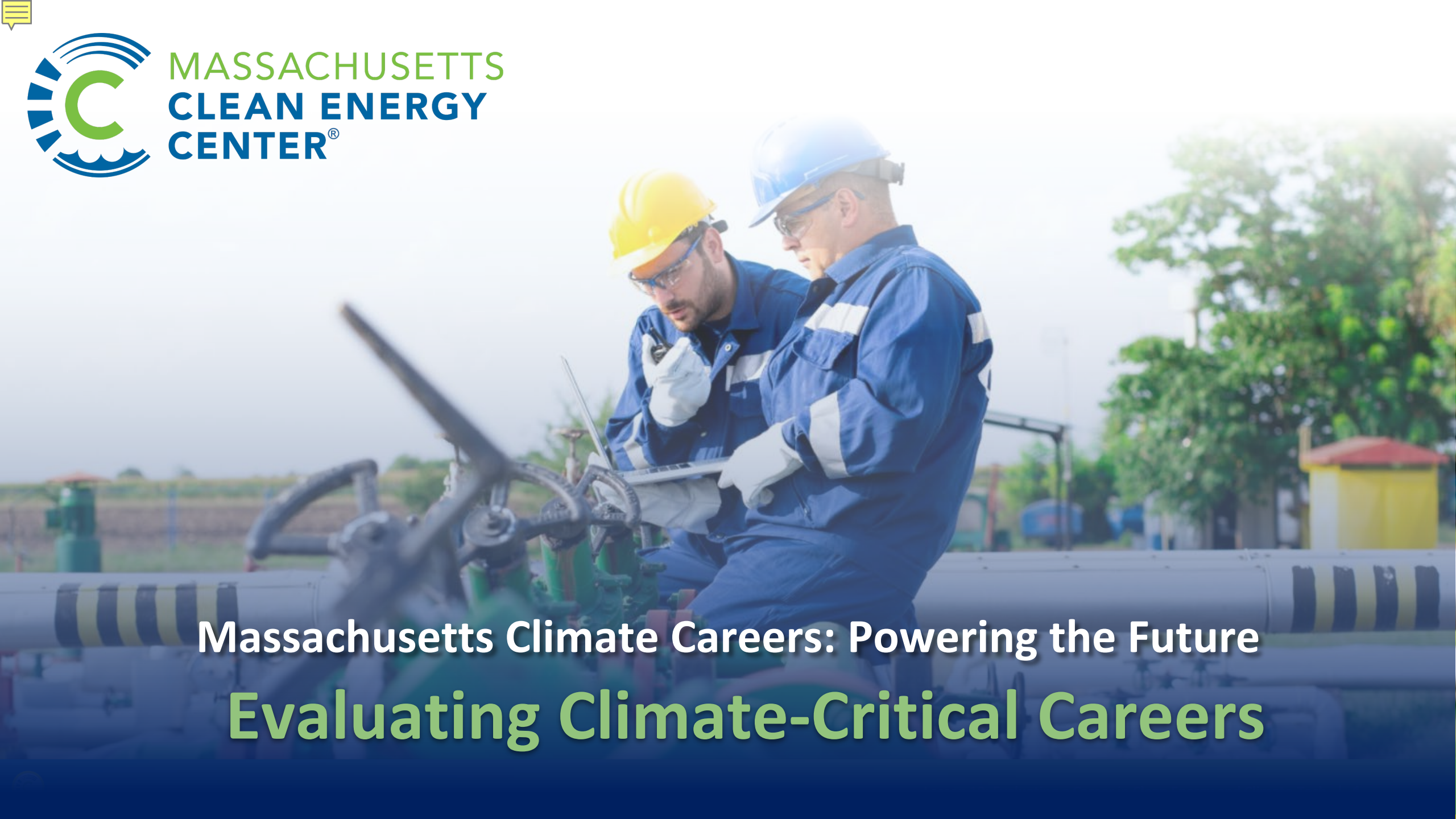




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Massachusetts Climate Careers: Powering the Future  
**Evaluating Climate-Critical Careers**



# Opening Activity

*Who am I?*

**Ask your classmates “yes” or “no” questions to identify your career.**





## Do Clean Energy Careers Offer Opportunity?

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Advances in climate-tech will result in a range of new career opportunities, but will those jobs be long-lasting, pay well, and provide opportunities for growth and promotion?

# Yes! Clean Energy Jobs are in Demand

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Join the next generation of creators, thinkers, leaders, and doers, working together to tackle the climate crisis. Help to build a clean energy and climate-resilient future in your own community and across the nation.





# Today's Agenda

- **The Big Question and My Climate Goals**
- **Finding Your Place in Clean Energy**
- **Career Spotlights**
- **Climate Watch Video and Discussion**
- **Career Interest Discovery Activity**
- **Takeaways and Closing**





## The Big Question

How do I evaluate which climate-critical roles would best fit me?





# My Climate Goals

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## **When you complete this lesson, you'll be able to:**

1. Identify career categories and specific occupations in clean energy and climate technology.
2. Describe how your interests, skills, desired training, career goals, and work environment preferences affect determining the right career fit.
3. Recognize the growing demand and opportunity of climate-critical careers.





# Your Place in Clean Energy

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To meet the 2030  
greenhouse gas emission  
reduction targets,  
Massachusetts needs **38,100**  
**additional workers** trained  
for climate-critical work.







# Career Considerations

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**Skills:** what am I good at?

**Interests:** what excites me?

**Work environment:** what kind of setting do I work best in?

**Values:** what motivates me?

**Growth potential:** what do I want to accomplish?

**Salary:** how much do I need to earn?





# Project Manager

Project managers oversee the planning, execution, and completion of clean energy projects.

- **Skills:** organization, problem-solving, communication, leadership
- **Work environment:** a mix of office and work sites, working with a variety of teams
- **Salary Range in MA:** \$70,000–\$90,000



# Wind Turbine Technician

Offshore wind turbine technicians maintain and repair wind turbines.

- **Skills:** mechanical and electrical, comfortable with heights and water, troubleshooting
- **Work environment:** works as part of a team on offshore platforms with exposure to marine weather
- **Salary Range in MA:** \$55,000–\$80,000





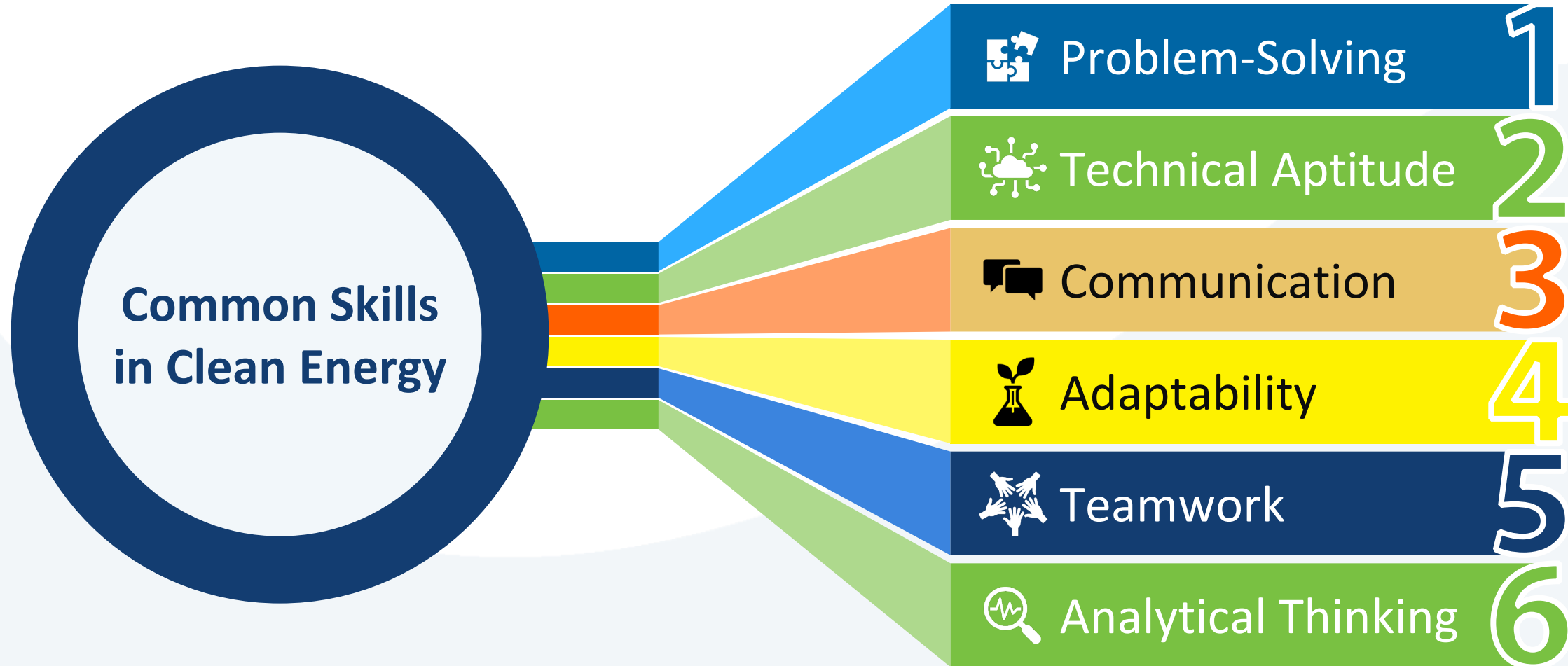
# Energy Auditor

Energy auditors assess homes and buildings and recommend upgrades to reduce energy consumption and costs.

- **Skills:** analysis, attention to detail, communications, building systems
- **Work environment:** often works on their own, mostly indoors in all types of buildings, occasionally outdoors
- **Salary Range in MA:** \$50,000–\$75,000



# Find Your Place in Clean Energy





# Climate Watch: Video





# Climate Watch Discussion

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1. What skills does Eric use on the job?
2. What are some ways that Eric learned new technical skills?
3. What stands out to you about Eric's career discovery journey so far?





## Group Activity

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### Career Interest Discovery

1. Begin to develop a career interest profile.
2. Discuss your answers with your small group.
3. Help each other uncover insights from your reflections.







## Key Points

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- Understand that your career fit matters.
- Clean energy careers are diverse and interconnected.
- Personal reflection is an important part of career exploration.
- The clean energy transition needs many different skill sets.



## Closing Activity

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### Before You Go

1. How do your skills, interests, values, and work environment preferences influence how you think about possible career paths?
2. What are two categories of climate-critical careers you want to learn more about?





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A photograph of two industrial workers in blue uniforms and hard hats (one yellow, one blue) looking at a laptop on an industrial site. The background shows a clear sky and some greenery.

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