



# Blue Economy Career Pathways



## THE STONE SOUP LEADERSHIP INSTITUTE'S SUMMIT FOR BLUE ECONOMY 2019

### • Aquaculture

- Matunuck Oyster Bar [www.rhodyoysters.com](http://www.rhodyoysters.com)
- University of Rhode Island's Coastal Resources Center [web.uri.edu/crc](http://web.uri.edu/crc)

### • Marine Trade

- Rhode Island Marine Trade Association [rimta.org](http://rimta.org)

### • Blue Tech

- Inspire Environmental [www.inspireenvironmental.com](http://www.inspireenvironmental.com)

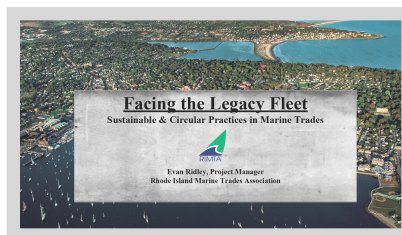
### • Offshore Wind

- Vineyard Wind [www.vineyardwind.com](http://www.vineyardwind.com)
- WinWind RI: 2019 REcharge Academy [windwinri.com/recharge-academy](http://windwinri.com/recharge-academy)

### • Blue Economy Corridor

- SouthCoast Development Partnership [www.southcoastdev.org](http://www.southcoastdev.org)
- University of Massachusetts Dartmouth [www.umassd.edu](http://www.umassd.edu)
- Cape Cod Regional STEM Network [capecodstemnetwork.org](http://capecodstemnetwork.org)
- Newport's Sustainability Best Practices

### View Presentations



## EDUCATION & JOBS



Center for Innovation & Entrepreneurship

UMass Dartmouth  
[www.umassd.edu/innovate](http://www.umassd.edu/innovate)

### Sustainability Certificates



HARVARD Extension School - Sustainability Certificate  
[www.umassd.edu/innovate](http://www.umassd.edu/innovate)



CAPE COD COMMUNITY COLLEGE  
- Small Wind Technology  
- Solar Thermal Technology  
- Waste Water Management  
[www.capecod.edu](http://www.capecod.edu)



[www.bristolcc.edu](http://www.bristolcc.edu)  
- Offshore Wind Technician  
- Water Quality Professional



[www.acemv.org](http://www.acemv.org)  
- Offshore Wind Power Technician

## SUSTAINABLE BUSINESS GROUPS



AMERICAN SUSTAINABLE BUSINESS COUNCIL  
[www.asbnetwork.org](http://www.asbnetwork.org)



[sustainablebrands.com](http://sustainablebrands.com)



[ebcne.org](http://ebcne.org)

## Top 10 Green Jobs in the US

### Percent of green job postings (Indeed)

Job	Share	Job	Share
Environmental specialist	41.5%	Environmental manager	3.8%
Environmental health and safety officer	9.7%	Environmental health officer	3.6%
Environmental technician	5.0%	Safety, health and environment assistant	3.1%
Water treatment specialist	4.4%	Environmental engineer	2.9%
Solar installer	4.3%	Water resources engineer	2.8%



## Top Blue-Green Jobs

1. Offshore Wind Technician
2. Solar Technician

Jobs: Minimal Experience

- Waste Removal and Recycling
- Tree-planting
- Wetland Restoration

3. Waste Management Technician
4. Marine Mechanic

Jobs: Some Education/ Experience

- Energy Auditing
- Building Electrification
- Mass Transport Electrification
- Energy Storage Technology
- Grid Modernization and Resilience

# Blue Economy Workforce Development

## INITIATIVES & ORGANIZATIONS

### Cape Cod & Islands, MA



[seagrant.whoi.edu](http://seagrant.whoi.edu)



Massachusetts  
Maritime  
Academy

[www.maritime.edu](http://www.maritime.edu)



[mclanelabs.com](http://mclanelabs.com)



[capecodstemnetwork.org](http://capecodstemnetwork.org)



[www.bluecapecod.org/waterworks-career-day/](http://www.bluecapecod.org/waterworks-career-day/)



[www.bluecapecod.org](http://www.bluecapecod.org)



[www.vineyardwind.com](http://www.vineyardwind.com)

### New Bedford, MA



[masshiregreaternewbedford.com](http://masshiregreaternewbedford.com)



[portofnewbedford.org/wind-energy-center](http://portofnewbedford.org/wind-energy-center)



[www.communityboating.org](http://www.communityboating.org)

### Rhode Island



[www.facebook.com/rechargelabsedu/](http://www.facebook.com/rechargelabsedu/)



[web.uri.edu/crc/](http://web.uri.edu/crc/)



[dlt.ri.gov/employers/real-jobs-rhode-island](http://dlt.ri.gov/employers/real-jobs-rhode-island)



[skillsforri.com/](http://skillsforri.com/)

### Newport, RI



[www.iyrs.edu](http://www.iyrs.edu)



[rimta.org](http://rimta.org)



[senedia.org](http://senedia.org)



[utecinc.org](http://utecinc.org)

### San Diego, CA



Promoting BlueTech and Blue Jobs®

[themaritimealliance.org](http://themaritimealliance.org)

San Diego is recognized globally as a leading BlueTech cluster. There are over 200 companies providing innovative products and services for ocean and water industries, internationally renowned academic institutions, and Navy presence.

## EXPLORE

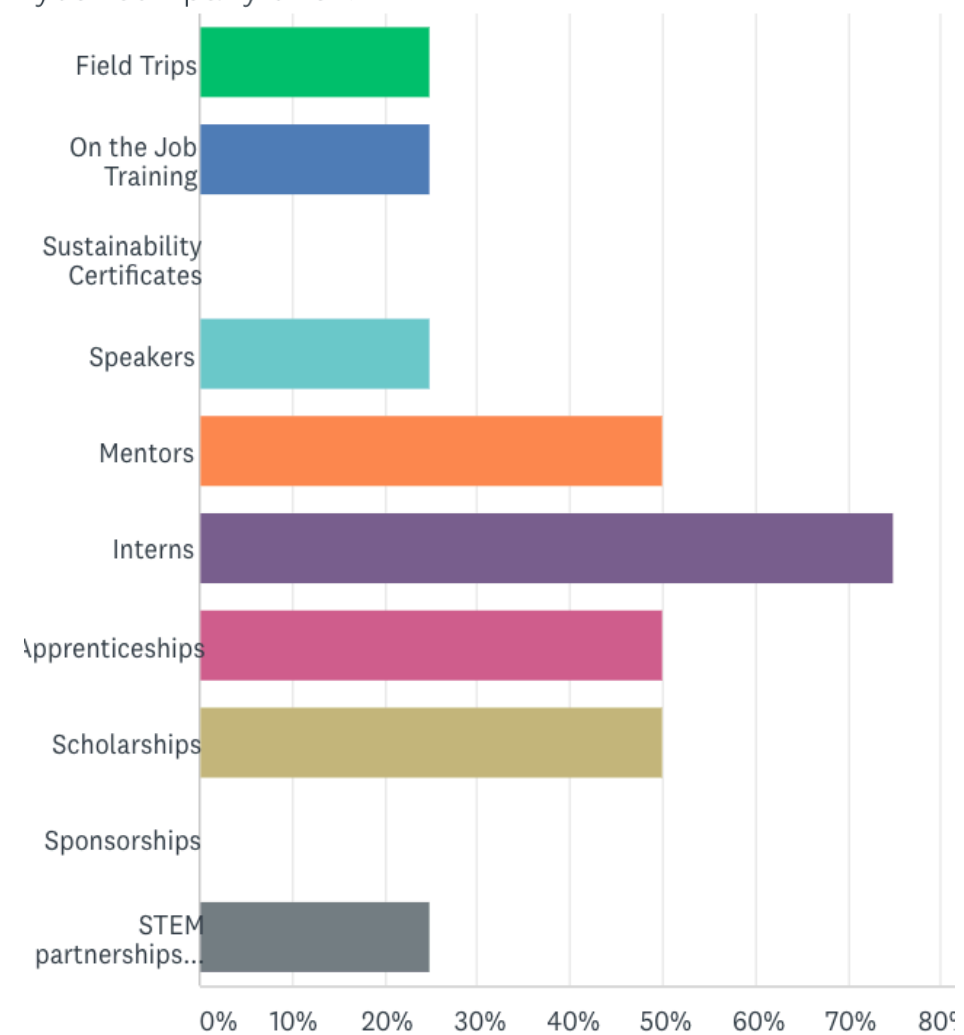
### Explore Blue-Green Jobs

- Cape Cod & the Islands, MA
- New Bedford, MA
- Newport, RI
- San Diego, CA

### Sustainable Workforce Development: Survey Responses

Q7

What types of workforce development opportunities does your company offer?



### Sustainable Investing

- Socially responsible investments reach \$30.7 trillion Climate change has become a leading issue for investors worldwide
- Goldman Sachs launched Sustainable Finance Group to better promote inclusive economic growth and to address climate change
- BlackRock introduced three new money market funds that invests in securities of entities that meet certain ESG criteria
- GreenBiz: Sustainability Reporting in stock exchanges 'comes of age'

#### Socially Responsible Networks:

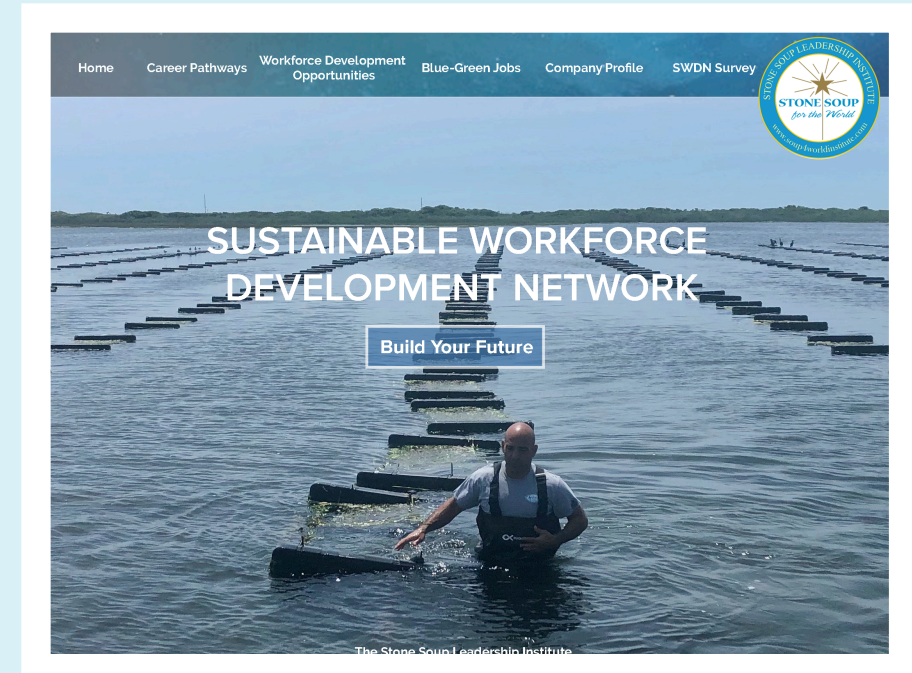
- Social Venture Circle
- ESG Investing
- AQR Capital Management
- Socially Responsible 401K
- Sustainable & ESG Investments
- Best Socially Responsible Mutual Funds

# About

## ***Sustainability is Our Touchstone -- Building a Sustainable Future From the Ground Up.***

The **Stone Soup Leadership Institute** is a global leader in designing sustainable workforce development initiatives. For over 28 years, the Institute has boldly pioneered a disruptive education initiative to empower the next generation with the tools they need - from climate education to sustainable career pathways -- for the transition to a sustainable economy. Founded on Martha's Vineyard, the Institute is a 501c3 non-profit organization and has collaborated with business, government, education and community leaders to develop strategic initiatives, public-private partnerships and build sustainable communities around the world.

The **Stone Soup Climate Education Curriculum** is the only comprehensive platform dedicated to development of climate education and sustainable career pathways, to prepare all young people for well-paying green jobs. Based on the 100 real-life stories of young people from 38 countries in the book, *Stone Soup for a Sustainable World: Life-Changing Stories of Young Heroes*, the Curriculum's 100 easy-to-use lesson plans are aligned with Massachusetts State and NGSS standards (used in 20 states) and the U.N.'s Sustainable Development Goals (SDGs). It has been endorsed by education, business, and government leaders; tested by educators and students in high schools; and developed with young people from the Institute's climate education initiatives. Learn more [here](#).



### **Case Study in June 2019 : New England Design-A-Thon for the Blue Economy**

In June, the Institute held a Design-A-Thon for the Blue Economy at Innovate Newport in conjunction with the Institute's Summit on the Blue Economy. We brought together leaders of the Blue Economy in New England - from CEOs, to Newport's Mayor and academic institutions to engage in a deep exploration to shape the design of the Institute's Sustainable Workforce Development Network (SWDN). One of the key takeaways of the Design-A-Thon was the significant increase of jobs in the emerging Blue Economy and lack of information available to young people about these jobs, preventing them from pursuing blue career pathways. Through the Institute's 15 years of research we've found young adults have really struggled to find links between blue-green jobs and much needed workforce development opportunities like internships, mentors and on-the-job training. During the Institute's Summit week, our Tech Team from Olin College of Engineering integrated the Design-A-Thon's User Design Experience, Survey responses, testimonials and insights into the design of the SWDN Kiosk prototype. We're now gearing up to BETA test the Network with blue companies and multicultural youth in September. The BETA community will feature the first Sustainable Workforce Development Network Kiosk. The SustainWDN Kiosk offers sponsoring companies the unique opportunity to broadcast and advertise their logos and company information. We invite blue-green companies to join with us on this quest - so we can build a more sustainable future and economy.



**New England's Blue Economy**  
[www.youtube.com/watch?v=HIRwLz2y-H4](http://www.youtube.com/watch?v=HIRwLz2y-H4)

SustainWDN™ builds bridges with business, schools, and community leaders to ensure that their communities are ready for the transition to a sustainable economy.

We are grateful to all these New England leaders:

- Toby Stapleton, The Blue Innovation Symposium,
- Robert Rak, Bristol Community College,
- Hugh Dunn, New Bedford City Council,
- Jamie Bova, Former Mayor Newport, RI,
- Anthony Baro, e2sol; PowerDocks LLC,
- Bridget Burger, Cape Cod Regional STEM Network,
- Keith Stokes, City of Providence, RI,
- Kersey Sturdivant, Inspire Environmental,
- Trevor Tanaka, Stone Soup Leadership Institute