



The Stone Soup Leadership Institute's

Partnership with

Bristol Community College

May 12, 2022



History of Partnership with Bristol Community College

- **2018: Bristol Community Sustainability Certificates:** exploration as a key component for workforce development training in the transition to a sustainable economy in the Southcoast Region.
- **2019: SustainWDN™ Education Survey:** Bristol Community College Professor Robert Rak
- **2019: Bristol Professor Robert Rak** attended The Institute's Design-A-Thon for the Blue Economy in Newport, RI. New England leaders of the Blue Economy - from CEOs, to the Mayor, educators and academic institutions engaged in a deep exploration to shape the design of The Institute's SustainWDN™ Sustainable Workforce Development Network.
- **2020: SustainWDN™ VIDEO:** The need to build partnerships with local companies, community colleges and high schools to develop the workforce development pipeline for the emerging Blue Economy.
- **2021:** Bristol Professor Robert Rak encouraged us to partner with **Durfee High School's CTE Program** to help increase enrollment with Bristol's sustainability-oriented certificates.



The Institute's SustainWDN™

Our Mission

Southcoast Blue Economy

BETA Sites

- BETA 2021-2022: Durfee High School, Fall River, MA
- BETA 2020: Cape Cod Academy, Osterville, MA
- BETA 2019-2020: Global Learning Public Charter School, New Bedford, MA
- BETA 2019-2020: Sustainable Workforce Development Network, Newport, RI
- BETA 2018-2019: Providence, RI
- BETA 2018-2019: Facilitators Cohort
- BETA 2017-2018: Holyoke, MA
- BETA 2010-2017: Martha's Vineyard

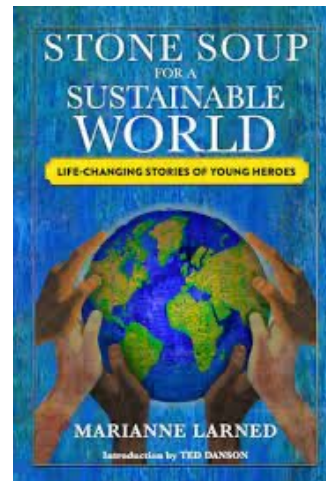
- Build bridges between youth, educators and blue-green companies;
- Individualize pathways for youth to develop STEM careers and jobs.
- Customize workforce development opportunities by region;
- Economic planning tool to transition to sustainable economy.



East Coast BETA Site – 2021-2022

Sustainability Tour 2022

- The Institute's 2021-2022 East Coast BETA was with Durfee High School's Career Technical Education in Fall River, MA.
- The Institute in partnership with CTE Environmental Science & Tech Program Teacher Tess Bradley custom tailored a **10-week BETA Program** as a dynamic, hybrid interactive learning experience. Each week we featured a story and lesson plans from the companion curriculum for our new book, *Stone Soup for the Sustainable World: Life-Changing Stories of Young Everyday Heroes*.
- To broaden students' awareness of real-jobs in their community, we showcased 5 of the 50+ sustainability-oriented certificates at Bristol Community College: **Clean Water Management, Solar Tech, Sustainable Agriculture, Offshore Wind, and Green Building.**



Green Building & Solar

- Bristol Community College

Marine Biology & Blue Tech

- UMass Dartmouth: SMAST Fisheries
- Woods Hole Oceanographic Institution

Offshore Wind

- Massachusetts Maritime Academy
- New Bedford Marine Commerce Terminal

Sustainable Agriculture

- Southcoast YMCA's Sharing the Community Harvest Farm

Clean Water Management

- Watuppa Water Filtration Plant

West Coast BETA Site – 2022

- The Institute's 2022 West Coast BETA site is with Redwood High School in San Francisco/Bay Area.
- The Institute in partnership with Environmental Science Teacher Lisa Melendy is BETA-testing the Institute's Sustainable Education Toolkit.
- The Lesson Plans bring the stories to life with Language Arts and STEM Activities, Sustainability Innovations and Sustainable Career Pathways.
- Each Lesson Plan is aligned with NGIS and State Standards so that educators can fulfill requirements.



West Coast BETA Challenges & Goals

Challenges

- Bay Area/San Francisco community colleges have less sustainability-oriented certificates than our East Coast partner.
- There is a need for a national/regional database of sustainable jobs matched with certificates to build the pipeline from high schools to become future employees.

Goals

- Collaborate with local companies featured in the chapter on Sustainable Business in the book, *Stone Soup for a Sustainable World*.
- Invite sustainability-oriented companies to determine which certificates they need to train their future workforce.
- State Workforce Development Funds are available for tools/training
- Increase awareness of sustainability companies for the need to inform community colleges of their future workforce needs.

Building the Future – Opportunities for 2022-2023

- The Institute is exploring options for a new BETA Site in Massachusetts for the Fall 2022.
- Our goal is to build upon the lessons learned from our previous BETA sites and continue building the workforce development pipeline to help students envision Sustainable Career Pathways and match them with sustainability-oriented certificates at community colleges.
- Increase enrollment in Bristol Community College certificate programs;
- Conduct SustainWDN™ Business Survey with local companies to develop regional database of sustainability jobs.
- Opportunity for partnership to develop national model with joint funding from state and federal sources.

EDUCATION

How this Durfee program is preparing students for 'blue and green economy'

Audrey Cooney The Herald News



bit.ly/Durfee-HeraldNews

