



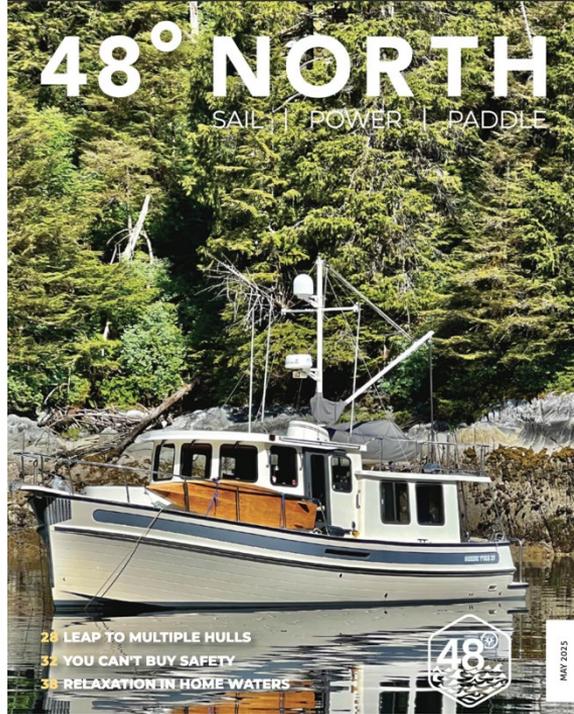


Northwest  
Maritime



**Katie Oman** Chief Operating Officer

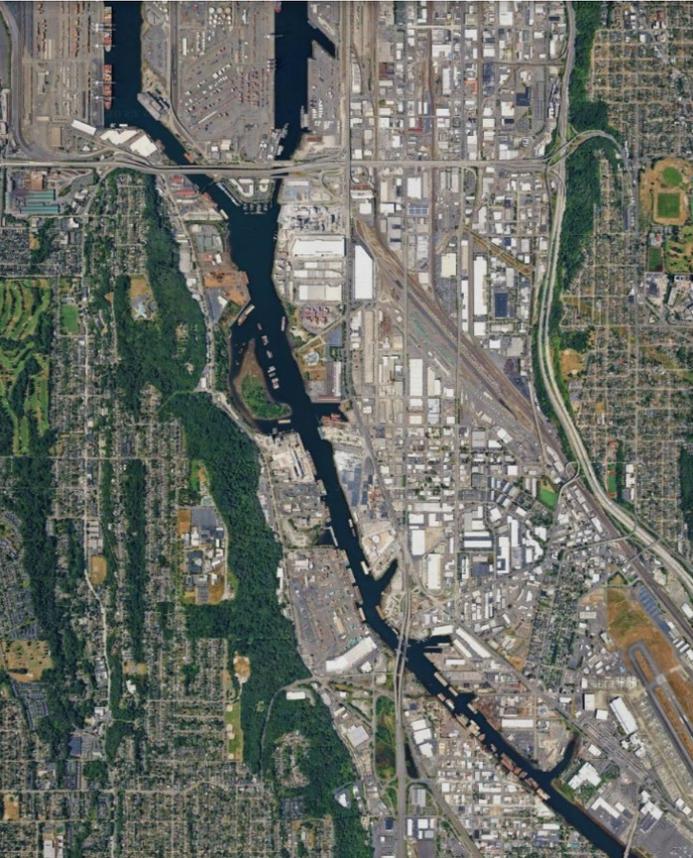
**Katelyn Kean** Associate Director of Development & Government Relations





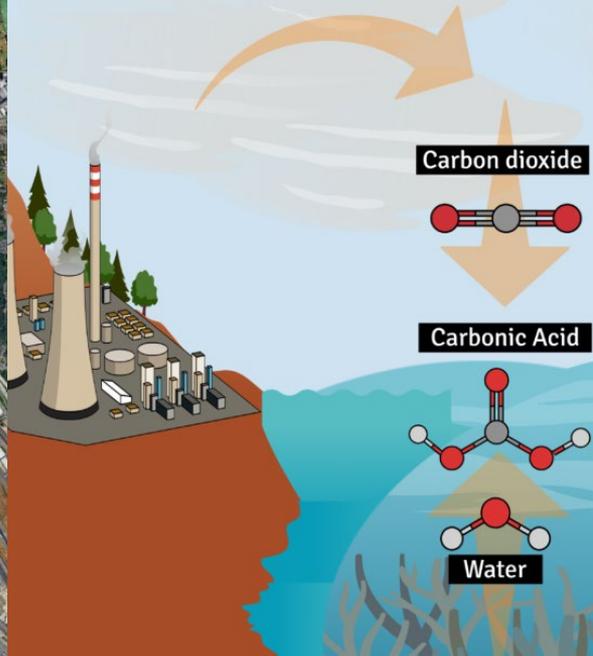


# Maritime Challenges

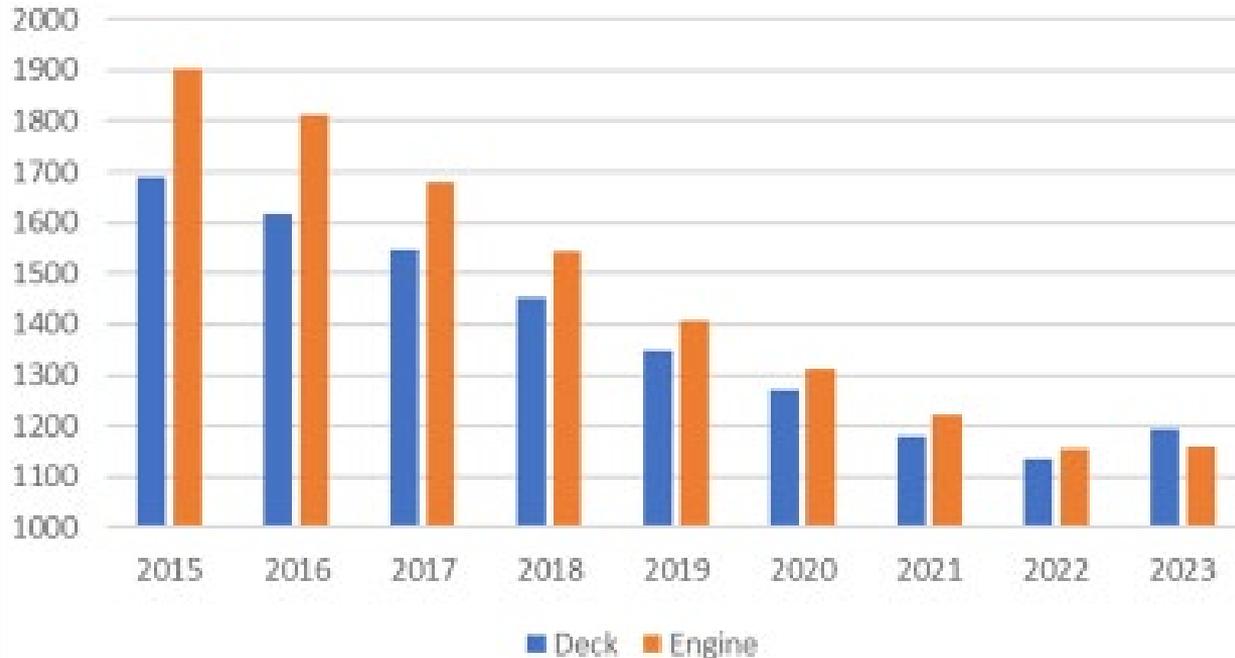


## Ocean Acidification

CO<sub>2</sub> are emitted from factories and fossil fuels to the atmosphere and absorbed by the oceans, forming carbonic acid. The final reaction produces two bicarbonate, decreasing the availability of carbonate ion.



# Big opportunities



Retiring workforce

Decreasing enrollment

Increasing openings

...all in a sector whose **average salary is \$112k**

# Big opportunities

MAY 13, 2025

## America's shipyards are hiring — but where are the workers?



by Jonathan Barnes in Viewpoints, Shipbuilding, Government

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Research, Environment & Training

## New study claims there are urgent workforce gaps in Canada's marine sector

## MARAD Faces Critical Workforce Crisis as Maritime Industry Demands Grow

Mike Schuler

Total Views: 2110

## Shipping Industry Struggles To Recruit Skilled Seafarers Despite Pay Hikes

By MI News Network | February 15, 2025 | Shipping News

STATE OF FREIGHT

## The shipping industry is wrestling with one of its biggest challenges — seafarer shortages

PUBLISHED TUE, NOV 26 2024-6:30 PM EST | UPDATED THU, DEC 5 2024-8:06 PM EST



Lee Ying Shan  
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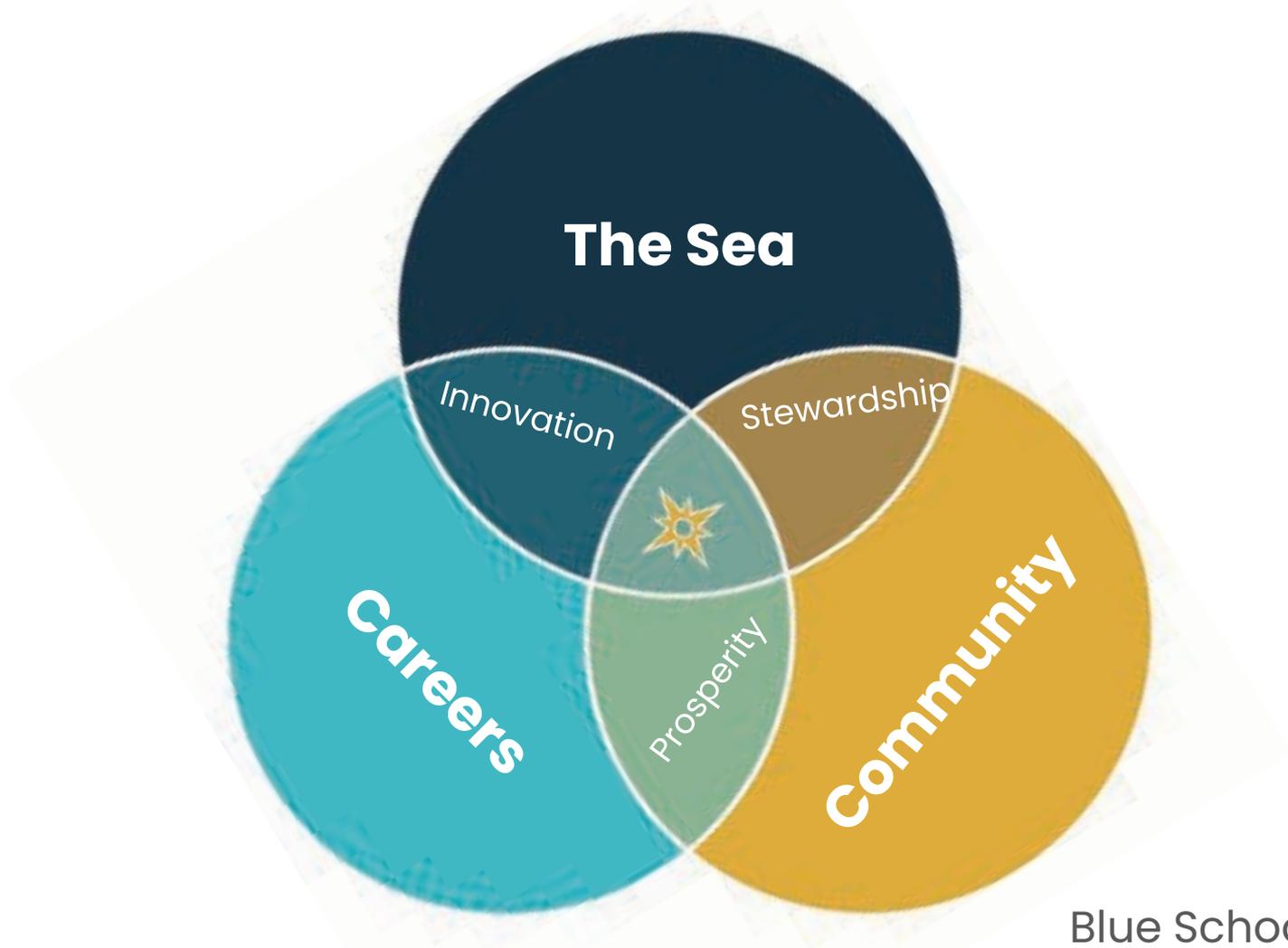
# Blue Schools Initiative



Connection between  
community, careers, and  
the sea

Framework for instruction &  
learning

Networks for collaboration  
& innovation



**The Sea**

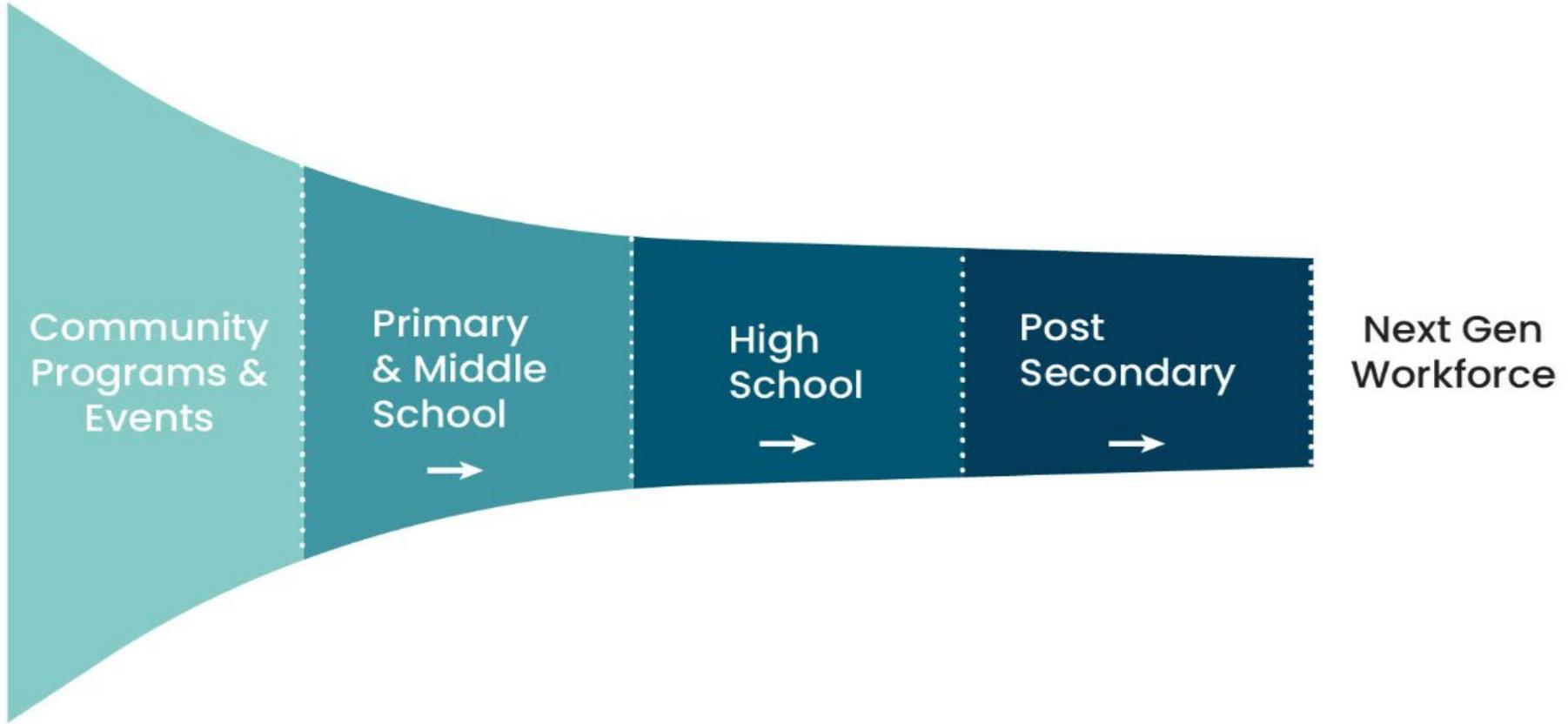
Innovation

Stewardship

**Careers**

Prosperity

**Community**



# Blue Schools Maritime Industry K12 Pathways



## Vessel Operations

*careers afloat*

- Ferry captain
- Engine room
- Towboat crew



## Marine Construction

*building boats & infrastructure*

- Welder
- Naval Architect
- Project Manager



## Marine Resources

*fisheries, science, & climate*

- Shellfish Farmer
- Hatchery Biologist
- Resource scientist

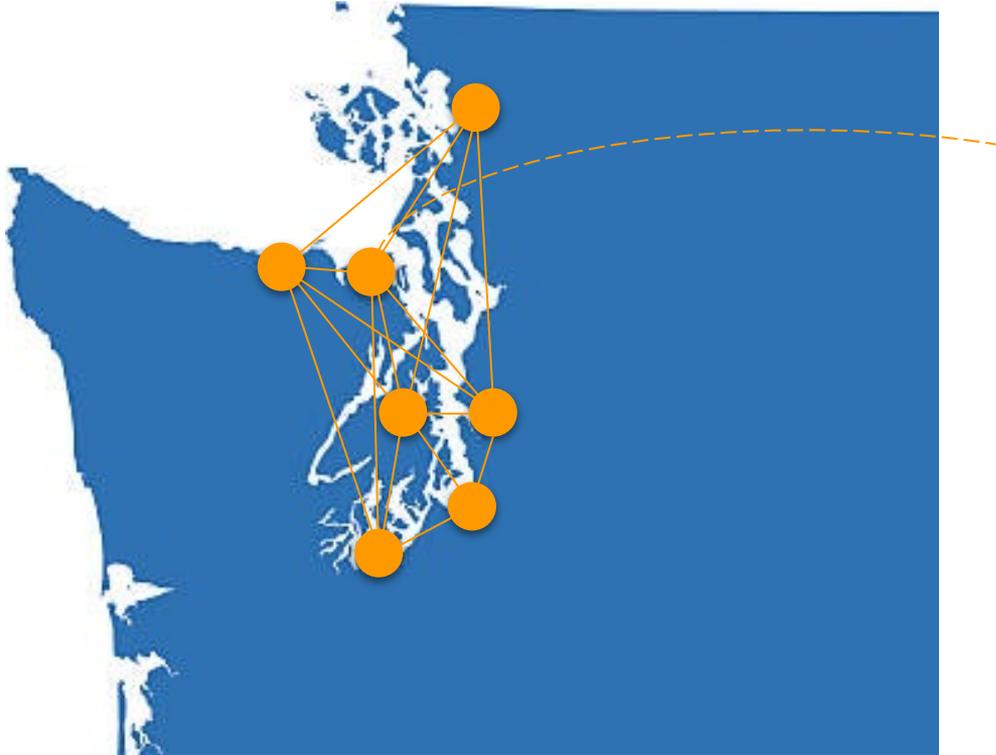
# Blue Schools Community Partnerships

<b>Public school &amp; district leadership</b>	<b>Maritime Industry</b>	<b>Maritime Education organization</b>
<b>Post Secondary institution</b>	<b>Marine Science organization</b>	<b>Trusted community validators</b>

# Blue Schools Summits



# Blue Schools Network



A **network of communities** with a common approach strengthens:

- Student outcomes
- Clear communication
- Strategic partnerships
- Collective fundraising
- Workforce retention
- Ecological stewardship

# Blue Schools Network

