



Blue Sky Maritime Coalition



Who is Blue Sky Maritime Coalition?

A Coalition of the Willing

110 organizations united in our mission to achieve a net-zero GHG maritime value chain in N. America

Our members have come together to:

- Collaborate with industry stakeholders to accelerate progress to net-zero emissions
- Engage through various pathways and projects that reduce emissions
- Innovate and challenge

Guiding Principles

“Collaboration will be key, involving every direct and indirect influencer of the maritime value chain...

... the transition period must maintain a level playing field for ship owners and all commercial entities.”

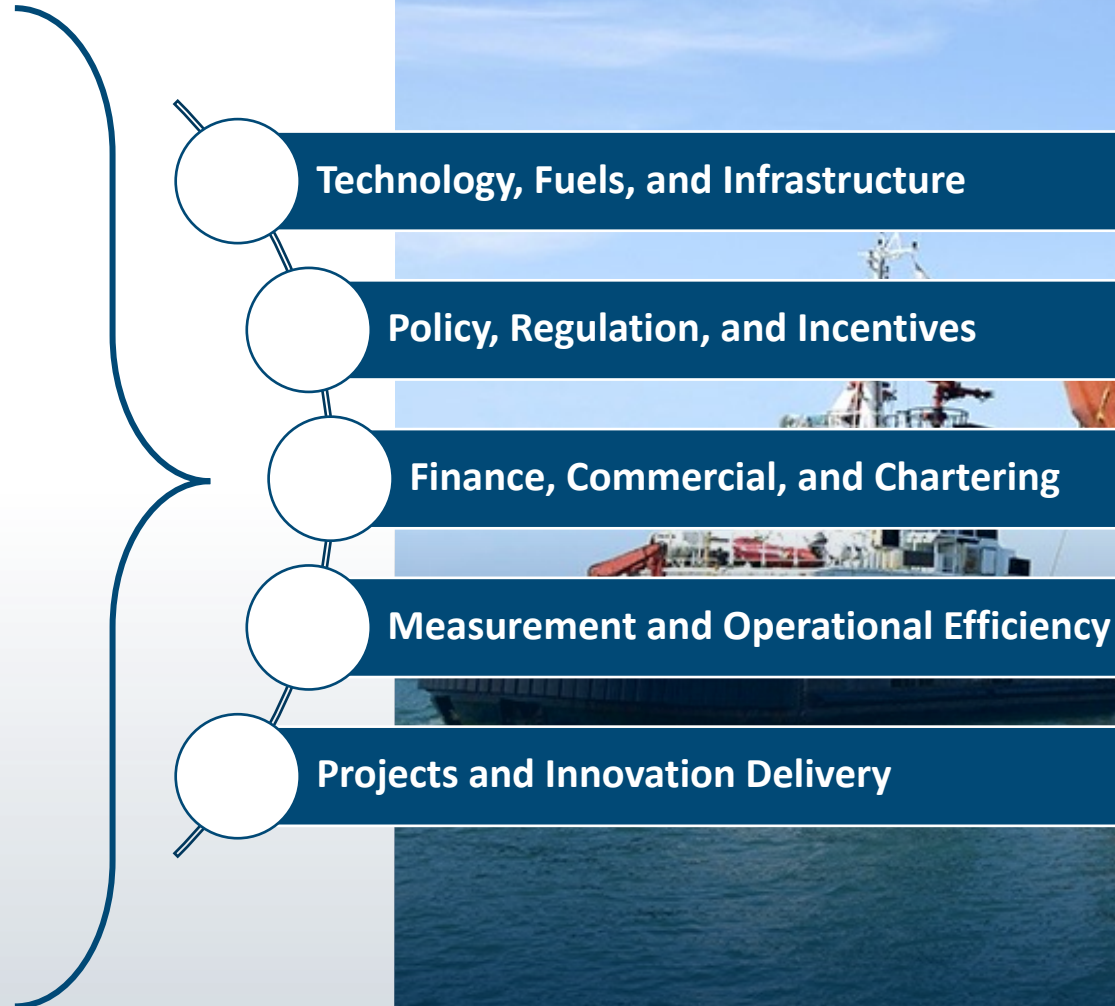
David Cummins, President & CEO

- Transition to Alternative Fuels
- Policy Enablers; Regulatory Clarity
- Commercial / Financial Incentives
- Digitization and Machine Learning

***All Solutions Require
Collaboration, Alignment,
Clear Communication***

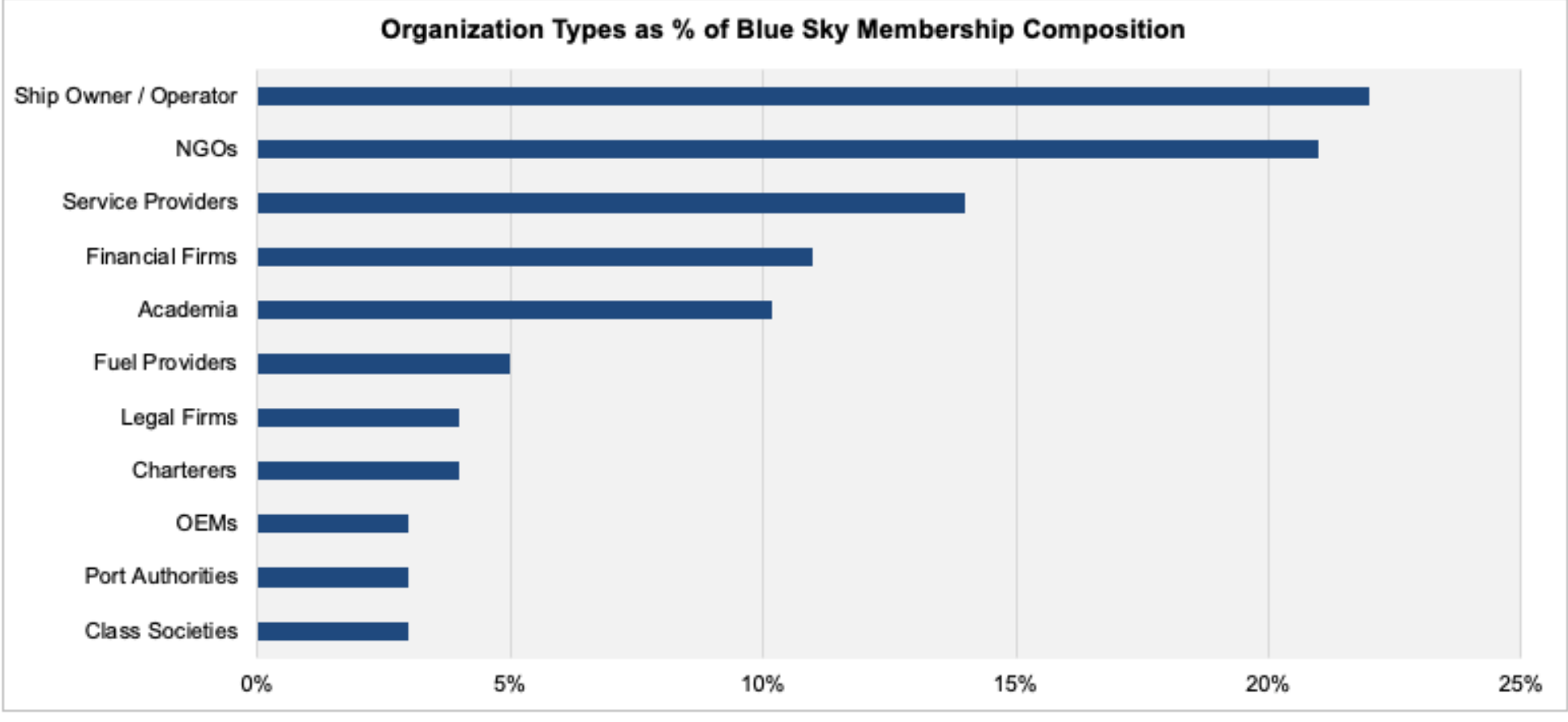
Value Chain Approach

- **Direct Organizations**
 - Ship Owner/Operators
 - Charterers
 - Fuel Manufacturers
 - Shipbuilders
- **Indirect Organizations**
 - Classification Societies
 - OEMs
 - Port Authorities
 - Design Engineers
- **Supporting Organizations**
 - Financiers and Insurance
 - Legal/Service Providers
 - NGOs and Academia
 - Infrastructure/Other Sectors



Comprehensive Value Chain Representation

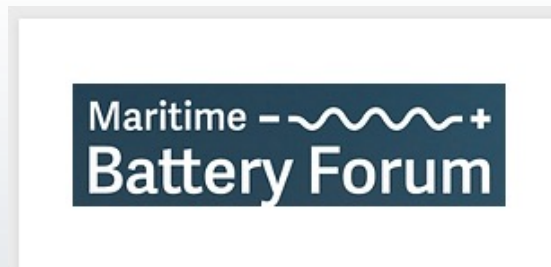
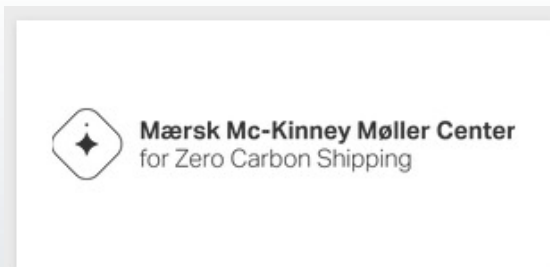
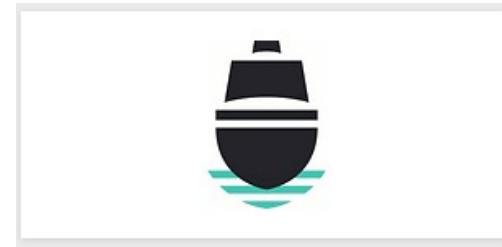
110 organizations collaborate to achieve net-zero GHG emissions



Data as of March 1, 2024.

Regional Mission with Global Collaboration

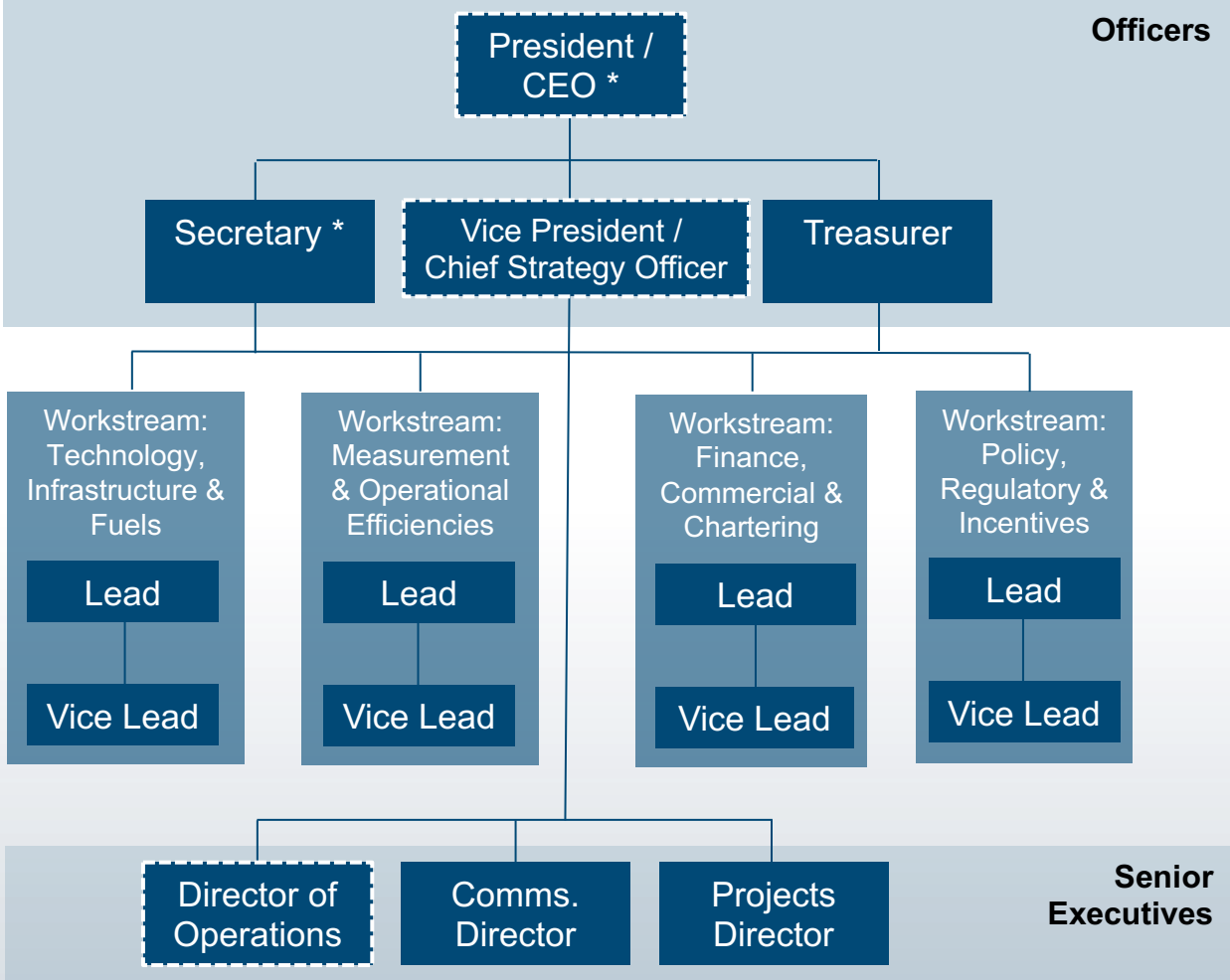
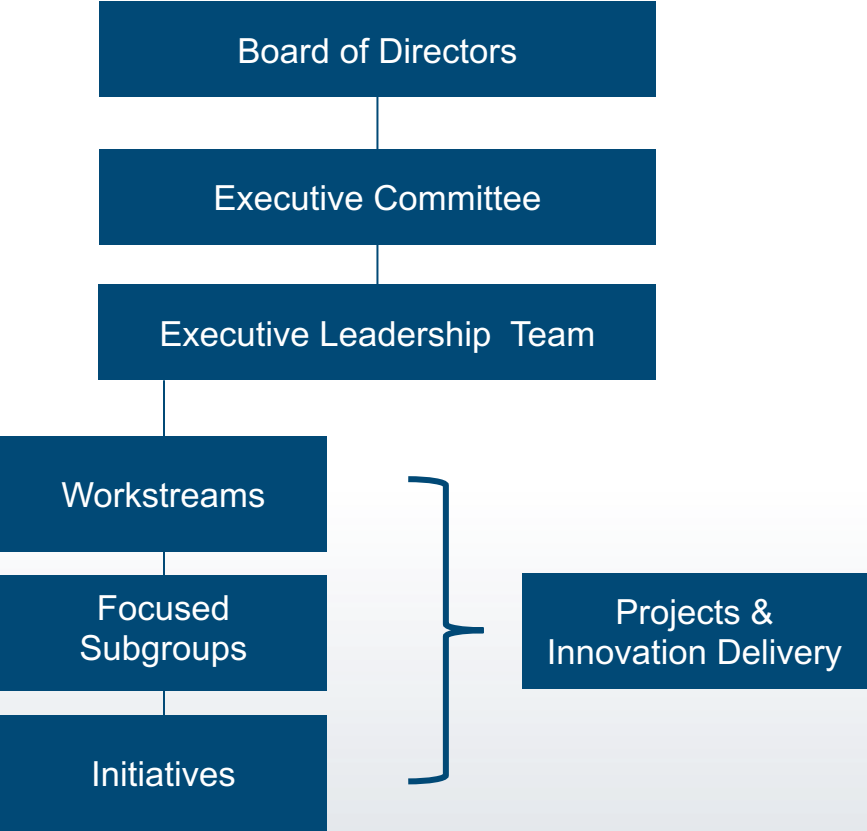
- 501(c)(3) U.S. registered nonprofit
- North America focused mission
- Partner, collaborate, and share knowledge with global organizations



Port and Terminal Members



Organization Structure



* Also a member of the Board of Directors

■ Denotes position is held by a full time employee. All other positions are in-kind support.

How We Operate

In-kind support is required from all members, regardless of company size or membership level

- Project management
- Administrative support
- Workstream leadership
- Many more
- Report authoring
- Grant writing
- Workstream participation

Monthly Workstream Meetings

I. Policy, Regulatory & Incentives

Vice Lead	Lead	Former Lead
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Members, Subgroups, Ongoing projects

II. Technology, Infrastructure & Fuels

Vice Lead	Lead	Former Lead
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Members, Subgroups, Ongoing projects

III. Measurement & Operational Efficiency

Vice Lead	Lead	Former Lead
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Members, Subgroups, Ongoing projects

IV. Finance, Commercial & Chartering

Vice Lead	Lead	Former Lead
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Members, Subgroups, Ongoing projects

Focused Subgroups

Measurement and Operational Efficiencies

- Catalog of Industry Standards
- Measuring Operational Efficiencies
- N. American GHG Emissions Inventory
- Operational Efficiency Plan Framework

Technology, Infrastructure and Fuels

- Alternative Fuels
- Carbon Capture
- Digitization

Finance, Commercial and Chartering

- Voluntary Carbon Credit Market (U.S.)
- Chartering
- Financing Networking
- Pricing constructs

Policy, Regulatory and Incentives

- D.C. & Ottawa Outreach
- IMO dialogue
- Legislature Briefing & Education
- Sustainable Maritime Fuel Grand Challenge

Green Shipping Corridor (Projects)

- Pacific Northwest to Alaska
- Gulf of Mexico
- Great Lakes & St. Lawrence Seaway
- Port of Antwerp-Bruges

Industry Challenges

Vessels that will operate in 2050 are being built now, Jones Act vessels up to 50-60 year lifespans

Energy density and bespoke vessels: There is no "one-size fits all" fuel solution

Long lead time in clean energy technology supply chain and infrastructure development

Workforce shortages in traditional maritime sector, new expertise needed

Apply: Innovation and Systems Thinking

Innovation

- ❑ Disruptive; challenge the status quo
- ❑ Thrive on creativity, dissent, and friction
- ❑ “Use” focus on problems / solutions
- ❑ Learn by doing; be the future

Systems Thinking

- ❑ Solve system optimization first
- ❑ Incremental AND vision-led milestones
- ❑ Preach to the choir

Transition Management

- Change Management Fundamentals
- Low hanging fruit; early wins; economical
- Innovative technology, fuels and infrastructure
- Policy Enablers; Regulatory Clarity
- Innovative Commercial / Financial Constructs
- Digitization and Machine Learning
- Collaboration; Green Shipping Corridors

Knowledge Sharing is a Priority Activity

<https://www.bluesky-maritime.org>

[ABOUT US](#)
[MEMBER PORTAL](#)

- [COALITION BULLETIN BOARD](#)
- [MEMBER DIRECTORY](#)
- [NEWSLETTER](#)
- [RESOURCES & TOOLS](#)
- [SPEAKER SERIES](#)

High-Quality Blue Carbon Principles and Guidance

This report is primarily focused on the projects on which credits are based, but there are some points that may be useful for paper and/or your firm's carbon credit assessments. Note page 24 which is directed toward investors and the Appendices on page 28. Appendices B and C may be most useful (Glossary of Terms and Summary of Existing Standards). For additional information, please email Operations@BlueSky-Maritime.org.

[View More](#)

National Academies' Resources on Getting to Net-Zero by 2050

Avoiding the worst impacts of climate change will require aggressive action to reduce the greenhouse gas emissions that are driving Earth to warm. A number of expert reports from the National Academies have assessed the latest in climate science, technology, and socioeconomic dimensions related to the goal of reaching net-zero emissions by the year 2050.

This resource provides an at-a-glance look at findings and U.S. policy-relevant advice from those reports.

[View More](#)

Social Cost of Carbon Estimated to \$185/tonne of CO2

A September 2022 report published in *Nature* triples the current social cost of carbon from \$51 to \$185 per tonne of carbon dioxide (SC-CO2) measures the monetized value of the damages to society caused by an incremental tonne of CO2. This key metric informing climate policy estimates. \$185 per tonne of CO2 is the mean estimate (\$44-413), a 3.6x higher value than the current estimate. The report also estimates a term risk-free discount rate of 2%, a value 3.6x higher than the US government's current value of 5%.

[View More](#)

DOT Navigator | US Department of Transportation

The DOT Navigator is a new resource to help communities understand the best ways to apply for grants, and to plan for and execute transformative infrastructure projects and services.

[View More](#)

Rural Opportunities to Use Transportation for Economic Success (ROUTES)

Rural Opportunities to Use Transportation for Economic Success (ROUTES) is an initiative to address disparities in rural transportation infrastructure by developing user-friendly tools and information, aggregating DOT resources, and providing technical assistance.

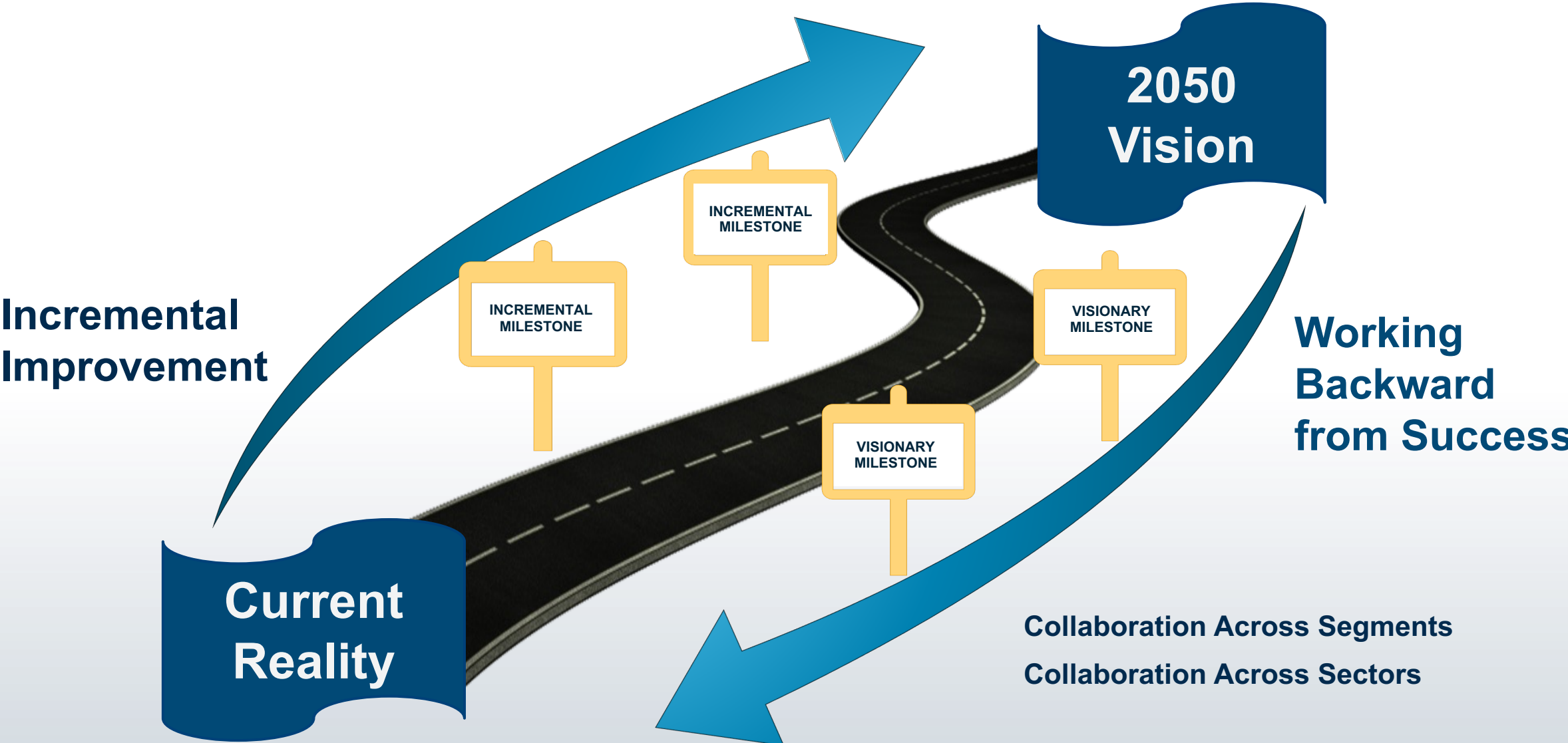
Benefit-Cost Analysis Guidance for Discretionary Grant Programs

View the document, updated in 2023.

[View More](#)



Roadmap to 2050



Roadmap Available Online





Thank You

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www.bluesky-maritime.org

