

# SUSTAINABLE MARITIME FUELS COLLABORATIVE

Clean maritime fuels for trade, travel, communities, and job creation

## THE NEED

To secure a sustainable, climate-resilient future and remain globally competitive, Washington's maritime industry must prepare to transition to low- and zero-carbon fuels. Backed by a strong legacy of clean technology research and maritime innovation, Washington is uniquely positioned to lead this energy transition, driving both environmental justice and regional economic growth.

Washington's maritime industry is an economic powerhouse, generating over **\$45.9 billion** in annual revenue and supporting **174,300 jobs**. However, this scale leaves a significant footprint: in 2019, an estimated **538 million gallons** of maritime fuels were supplied in the state, with international bunker fuel sold alone accounting for an amount of emissions equivalent to **16%** of Washington's entire transportation sector emissions. Beyond climate impacts, emissions pollution contributes to health disparities in near-port communities.

## OUR MISSION

The Sustainable Maritime Fuels (SMF) Collaborative is a multi-stakeholder program of Maritime Blue that aims to accelerate the **availability, affordability, and deployment of sustainable maritime fuels and low- and zero-emission vessels in the Pacific Northwest** through a lens of equitable prosperity towards net-zero emissions by 2050. We bring together members from across the value chain to find solutions to advance SMF.

### LEADERSHIP COMMITTEE



## KEY ACTIVITIES

The Collaborative's core activities will generate the technical knowledge, strategic insights, and partnerships needed to advance SMF in Washington state. Our activities are built on stakeholder input and engagement to identify priorities for deployment, assess feasibility, and guide investment decisions across the SMF value chain.

### WORKING GROUPS

Gather subject matter expertise in the development, execution, or management of research, strategies, and other projects

### STUDIES & ANALYSES

Lead or contract studies to fill knowledge gaps in the ecosystem and guide activities

### MEETINGS & WORKSHOPS

Fill knowledge gaps, enable networking & topic socialization, facilitate identification of projects, ensure sharing of insights

### DEMONSTRATIONS

Leverage Collaborative work products as a jumping off point for demonstration projects

## 2026 ACTION

Our first activity after launching in 2025 was to commission a study providing a technical value-chain analysis and strategic policy roadmap to accelerate the equitable deployment of SMF in the Pacific Northwest. The study is now underway and will be shaped by targeted stakeholder sessions and public workshops to ensure the outcomes reflect community needs and industry realities.

### IDENTIFY BARRIERS

Our Impediments Analysis will pinpoint specific technological, economic, infrastructure, social, and regulatory barriers slowing down the adoption of clean fuels in Washington state. By mapping these friction points across the value chain, the analysis bridges the gap between high-level decarbonization targets and practical fuel deployment while highlighting recommendations for actions to overcome these barriers.



### PRODUCE POLICY SOLUTIONS

Our Policy Analysis will develop an actionable strategic roadmap featuring near-term legislative recommendations to advance regional maritime fuels policies. It aims to deliver data-driven, consensus-based solutions that state and local governments can implement to advance SMF deployment through a lens of equity, sustainability, and economic development.



## GET INVOLVED

There are lots of ways to get involved - sign up for the **SMF Collaborative email list** to get alerts for upcoming opportunities to engage and support our sustainable maritime fuels work.

