

# Marsoft

September 2022



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- About Marsoft: Established in 1984, Marsoft provides expert, objective, and timely support for investment, chartering, and financing decisions. Marsoft's quantitative models and expert judgment have improved the quality of decision-making for almost four decades. Marsoft decision support systems integrate data and analysis to enrich our client's decision-making process, including the integration of climate-focused initiatives such as the Poseidon Principles. The analytical platform underpinning Marsoft's GreenScreen services was developed in collaboration with the MIT SeaGrant Design Laboratory. Marsoft is committed to working with the shipping industry to minimize CO emissions and support the UN Sustainable Development Goals while meeting stakeholder requirements. Marsoft is a founding member of the Blue Sky Maritime Coalition, whose mission is to accelerate the decarbonization of North American waterborne trade.
- About ClimeCo: ClimeCo is a global sustainability company advancing the low-carbon future with market-based solutions enabling its partners and clients to go beyond business as usual. ClimeCo operates at the forefront of environmental solutions across greenhouse gases, renewable natural gas and energy, nature-based solutions, and plastic recovery. Providing comprehensive, vertically integrated solutions makes ClimeCo a unique partner to help clients maximize their environmental assets, minimize regulatory costs, enhance their sustainability impact, and satisfy voluntary Environmental, Social, and Governance (ESG) goals.
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## **Access the Carbon Credit Markets to Fund Retrofits**

- Supports your decarbonization goals
- Marsoft's GreenScreen breakthrough makes qualifying for carbon credits simple, low cost, predictable
- Pay once 5 years of emissions reductions qualify for carbon credits
- Robust financial case with significant upside and minimum downside
- Unique Marsoft/ClimeCo collaboration offers a turnkey solution & maximum value





## Marsoft & ClimeCo Offer a Turnkey Solution







GreenScreen

Project Management

**Carbon Sales** 

#### Verification

Low cost, Fast, Reliable Reduce Barriers to Entry

#### **Issuance**

**Aggregation Lowers Costs** 

#### Monetization

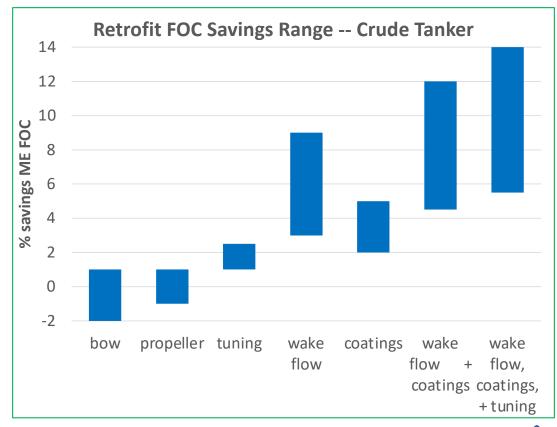
Increase Value & Liquidity of Credits





## Verification: The GreenScreen Breakthrough

- Model developed in collaboration with MIT Sea Grant Design Lab
- Accurate (97%+) main engine fuel oil calculation
  - Controls for all external factors
  - No need for time-consuming analysis of "noisy" noon reports
- Accepted by Gold Standard as basis for emission reduction

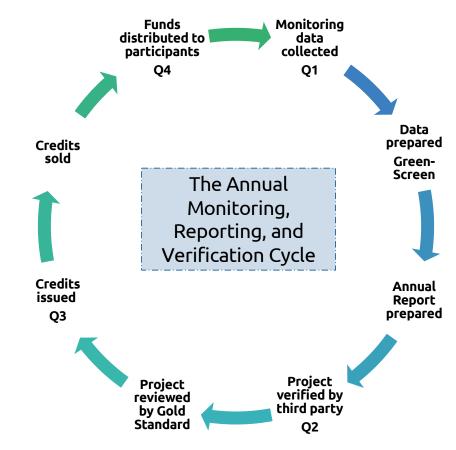






## **ClimeCo Delivers Premium Pricing & Project Management**

- Supply of ocean-related CO2 credits limited
  - Primarily Mangrove conservation & reforestation
- ClimeCo positioning GreenScreen as delivering Blue-Ocean premium quality credits
- ClimeCo aims to achieve premium pricing







# Sample Case Study: 10 ships (2 Unique)

One-time upfront cost	\$50,000
<ul> <li>GreenScreen Costs: 2 unique ships x \$25,000</li> </ul>	
Fuel saved per ship per steaming day	2.0 tonnes
CO2 saved per ship per steaming day	6.2 tonnes
<ul><li>270 steaming days/year</li></ul>	
Price per carbon credit (gross)	\$10/tonne*
Average annual net cash to Owner	\$97,000
<ul> <li>Investment recovery within 1 year</li> </ul>	
<ul> <li>Average breakeven price (over 5 years)</li> </ul>	\$1.10/tonne





## Aligns with Strategic & Financial Priorities

- In line with strategic sustainability commitment: setting a higher standard
- Simple, low cost, predictable process
- Robust financial case with significant upside and minimum downside
- Turnkey Solution: simplifies credit origination and monetization

- More information: <u>www.marsoft.com/marsoft-greenscreen</u>
  - Get in touch: <u>info@marsoft.com</u>



