

Navigating the Future: Sustainable Solutions for the Maritime Industry

The maritime industry stands on the brink of an exciting transformation. With increasing regulatory support, heightened environmental awareness, and evolving customer preferences, shipping companies have a unique opportunity to innovate and lead. Our sustainability solutions provide a comprehensive approach to help you thrive in this new era of sustainable shipping.

Decarbonization Roadmap

Creating a decarbonization roadmap is crucial for shipping companies aiming to achieve significant reductions in greenhouse gas (GHG) emissions. Our solutions include

● Baseline Assessment

Conduct a thorough analysis of your current GHG emissions, following the methodologies outlined in the Greenhouse Gas Protocol.

● Target Setting

Develop realistic, science-based targets in line with the Science Based Targets initiative (SBTi) principles.

● Strategy Development

Outline short-term and long-term strategies for reducing emissions, including the adoption of alternative fuels and energy-efficient technologies.

● Compliance and Reporting

Ensure compliance with the latest global standards such as SASB and International Maritime Organization (IMO) guidelines on GHG emissions. Enhance your reports with insights from our 43 global and regional standards, ensuring comprehensive and up-to-date sustainability reporting.

Benefits

- Drive efficiency and reduce costs through optimized fuel consumption.
- Enhance your brand reputation by committing to a net-zero future.

Climate Modelling: Opportunities and Threats

Anticipate and Adapt to Climate Risks

Climate modelling is essential for understanding future environmental conditions and their potential impacts on shipping operations. Our services include

Risk Assessment

Evaluate how climate change may affect your routes, ports, and overall operations.

Opportunities Identification

Discover potential advantages such as new shipping lanes emerging from melting polar ice caps.

Resilience Planning

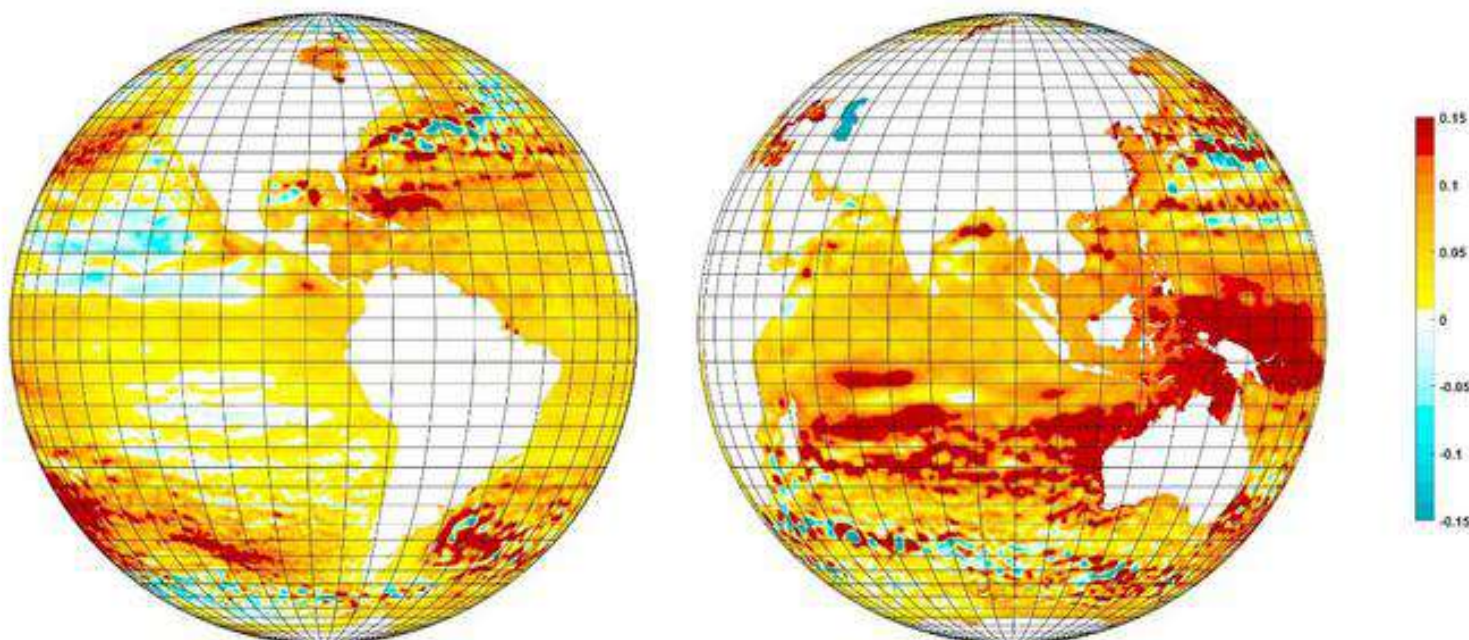
Develop strategies to mitigate identified risks and capitalize on opportunities.

Compliance with Standards

Align your strategies with leading global standards like SASB's climate-related topics and metrics. Ensure robust and transparent reporting by adhering to the highest standards, including our 43 global and regional benchmarks.

Benefits

- Stay ahead of the curve by proactively managing climate risks and leveraging new opportunities.
- Ensure the long-term sustainability and resilience of your operations.



Carbon Accounting

Measure, Manage, and Mitigate Emissions

Effective carbon accounting is the foundation of any sustainability strategy. Our advanced GHG calculator tools, enhanced by AI, offer:



- **Comprehensive Coverage**

Account for all Scope 1, 2, and 3 emissions using the GHG Protocol guidelines.

- **Benchmarking**

Compare your emissions against industry peers using AI and large language models (LLM).

- **Accuracy and Compliance**

Ensure compliance with the GHG Protocol and other international standards, including SASB metrics for greenhouse gas emissions (e.g., TR-MT-110a.1 for Scope 1 emissions).

Benefits

- Make informed decisions with reliable data.
- Demonstrate your commitment to transparency and accountability.

Integrating Sustainability Roadmap in ESG

Align Environmental Goals with Corporate Strategy

Integrating a sustainability roadmap into your Environmental, Social, and Governance (ESG) strategy helps align environmental goals with broader corporate objectives. Our approach includes:

ESG Reporting

Enhance transparency and accountability in sustainability reporting, following SASB's standards for sustainability-related financial information (IFRS S1).

Stakeholder Engagement

Communicate your sustainability efforts to investors, customers, and regulators.

Performance Tracking

Monitor and report on your progress towards achieving sustainability goals using global standards like SASB's industry-specific metrics.

Benefits

- Enhance investor confidence and attract top talent.
- Build a resilient business model that aligns with global sustainability standards.



Leveraging SBTi Principles

Align Environmental Goals with Corporate Strategy

The Science Based Targets initiative (SBTi) provides a clear framework for companies to set ambitious and credible climate targets. We assist shipping companies in:

- **Target Setting** | Establish and validate targets that align with SBTi criteria.
- **Implementation Guidance** | Establish and validate targets that align with SBTi criteria.
- **Awareness and Training** | Increase organizational awareness about SBTi and its benefits.



Benefits

- Gain credibility and recognition for your climate action efforts by adhering to internationally recognized standards.
- Ensure your emissions reduction targets are in line with the latest climate science.

Why Choose Us?

Expertise and Experience

- **Industry Knowledge:**

Deep understanding of the maritime sector's unique challenges and opportunities.

- **Customized Solutions**

Tailored strategies that fit your specific operational needs and sustainability goals.

- **Use of Deep Tech Technologies**

Leverage cutting-edge technologies like blockchain for transparency, Generative AI for predictive analysis, and advanced climate modelling to enhance your sustainability efforts.

Take the Helm of Sustainable Shipping

Join the leaders in the maritime industry who are not only meeting regulatory requirements but also setting the standard for sustainability. Contact us today to start your journey towards a greener future.



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