

SEMICONDUCTOR INDUSTRY LEADER ACCELERATES SUSTAINABILITY STRATEGY WITH DATAMARAN

OVERVIEW

A leading semiconductor industry company has taken full ownership of its strategy globally, ensuring a proactive and data-driven approach to sustainability. This commitment has contributed to the company receiving industry recognition for its ESG efforts.

To strengthen its strategy, streamline reporting, and navigate evolving regulatory requirements, the company adopted Datamaran's AI-powered governance solution and has been using the platform since 2021.

CHALLENGES

As the company scaled its ESG-focused initiatives, the team encountered several key challenges:

- **Complex and evolving regulatory landscape:** Navigating emerging regulations such as the CSRD required a structured, data-driven approach.
- **Inefficient manual processes:** Traditional methods, including spreadsheets and surveys, were resource-intensive and lacked auditability.
- **Cross-functional collaboration:** Ensuring alignment across Legal, Finance, and Sustainability functions required a centralized, scalable solution.

SOLUTION

The company implemented Datamaran to enhance governance, reporting, and strategic decision-making. The platform has enabled the team to:

- Automate and streamline the double materiality assessment (DMA) process, improving scalability, repeatability, and time efficiency.
- Create a prioritized list of Impacts, Risks, and Opportunities (IROs), delivering executive-level insights to support proactive decisions.
- Facilitate collaboration among more than 50 subject matter experts, driving engagement and a unified, evidence-based approach to sustainability.

PLATFORM USERS AND BENEFICIARIES

Datamaran has been integrated across the company's ESG processes, with multiple teams actively involved:

PRIMARY USERS:

- **Corporate Sustainability Team:** Leads ESG programs and ensures alignment with key frameworks and regulations.
- **Legal Team:** Oversees risk management and regulatory compliance.
- **Finance Team:** Applies insights to strategic planning and financial disclosures.
- **Subject Matter Experts from Business Units:** Contribute expertise in evaluating the materiality of ESG factors.

KEY BENEFICIARIES:

- **Executive Leadership and Board:** Receive comprehensive ESG risk assessments to inform strategic decision-making.
- **Investor Relations and Corporate Reporting:** Leverage structured data for transparent and credible communications.
- **Supply Chain and Operations Teams:** Utilize insights to advance sustainability initiatives across global operations.

IMPACT

Since adopting Datamaran, the company has achieved notable gains in ESG governance and reporting:

- **Efficiency Gains:** Transitioning from manual spreadsheets to Datamaran's automated platform significantly reduced the time and resources required for the materiality assessment process.
- **Regulatory Readiness:** The company is better prepared for CSRD compliance, equipped with a systematized and auditable ESG disclosure methodology.
- **Enhanced Strategic Alignment:** Improved cross-functional collaboration has led to deeper integration of ESG within corporate strategy.

RESULTS

Quantifiable outcomes achieved with Datamaran include:

- **30+ stakeholders** contributed to vetting and documenting IRO scoring and rationales.
- IROs were **analyzed and refined** from an initial list of 400 to approximately 200, enhancing focus and clarity.

“Datamaran has enabled us to move from a fragmented, manual approach to a scalable, data-driven CSRD strategy. The platform has not only streamlined our materiality assessments but also strengthened collaboration across key teams. As a data-driven organization, having AI-powered insights enhances confidence in our CSRD-related decision-making.”

– Chief Sustainability Officer,
Semiconductor Industry Company

LOOKING AHEAD



The company continues to rely on Datamaran for ongoing monitoring and strategic alignment. With sustainability regulations evolving rapidly, the organization is well-positioned to maintain its leadership in responsible business practices, supported by Datamaran's robust insights and materiality assessment capabilities.