

## CASE STUDY

# Launching a Net Zero Journey With Confidence

How Digital Dynamics, Inc. built a strategic climate reporting foundation with Sensiba and Greenly.



## Challenge

In 2023, DDI began its sustainability journey, in partnership with Sensiba and ESG and carbon accounting platform, Greenly, to integrate climate data and GHG reduction targets into its long-term strategic and financial decision-making. Before starting, DDI encountered several barriers to launching its climate strategy:

- ◆ No prior experience conducting a GHG inventory, making the process technically challenging
- ◆ Lack of internal tools or frameworks to track emissions across business functions
- ◆ Difficulty allocating time and resources internally, with existing teams managing the process alongside their day-to-day roles
- ◆ Unfamiliarity with climate reporting terminology and methodologies, a need for structured guidance to align internal stakeholders with the data collection process
- ◆ Growing customer pressure to disclose GHG data and set SBTi-aligned targets without a clear operational roadmap

## Overview

Digital Dynamics, Inc. (DDI) is a California-based technology company specializing in the design and manufacturing of advanced mission-critical control hardware for the semiconductor, metrology, display, and solar industries.

With over 40 years of engineering and manufacturing expertise, DDI combines electrical, mechanical, software, and production know-how to build high-performance controllers that support today's digital infrastructure.

## Services

- ◆ Greenhouse Gas (GHG) emissions services

## Solution

Using Greenly's simplified GHG inventory process for first-time reporters, DDI broke down complex steps, created smart data tagging, emissions factor matching, and action plan modules, and established Net Zero and SBTi-aligned targets.

Sensiba provided hands-on expertise and project management throughout the process. With Sensiba's structured roadmap, aligned with internal teams, and coaching, DDI was able to translate their results into actionable insights.

Working together, Sensiba and Greenly applied a phased approach to support DDI's climate journey:

**Cultural Awareness:** Sensiba emphasized the strategic value of climate action, helping DDI's teams understand the link between sustainability, operational resilience, and long-term business impact.

**Data Mobilization:** Project stakeholders were aligned with relevant business units to facilitate accurate data input, ensuring each team contributed to the inventory without being overwhelmed.

**Climate Strategy Design:** Sensiba used Greenly's platform to quantify emissions, identify reduction levers, and help DDI establish SBTi-aligned near-term and net-zero targets.

**Technical Enablement:** Greenly simplified complex terminology, guided data collection, and provided a user-friendly interface to help DDI perform its first GHG baseline assessment with confidence.

**Ongoing Support:** Regular meetings maintained momentum and allowed for shared learning across teams, reinforcing climate understanding and internal alignment for future reporting cycles.

The synergy between Sensiba and Greenly empowered DDI to complete its first GHG Inventory confidently, align with customer expectations, and embed climate thinking into strategic and operational decisions.

## Result

DDI completed its first GHG emissions inventory across scopes 1, 2, and 3 aligned with the GHG Protocol and SBTi frameworks. They were also able to:

- ◆ Identify high-impact emission sources to prioritize short- and medium-term reduction actions
- ◆ Strengthen cross-departmental collaboration and climate literacy, enabling more efficient and accurate data contributions
- ◆ Embed Net Zero targets into company strategy, enhancing resilience and long-term planning
- ◆ Streamline emissions tracking and internal reporting processes for future customer and stakeholder disclosures
- ◆ Build a transparent and auditable baseline to support ongoing climate reporting and regulatory alignment

With the first report finalized, DDI will work toward continuous optimization with the help of Sensiba and Greenly. Their work includes ongoing strategy optimization, enhanced internal processes, an integrated support model, sustained value creation, and a long-term commitment to GHG reporting.

### About Sensiba

Our risk assurance professionals help you identify, analyze, and manage potential risks. We collaborate with you to enhance the value of your business with customized risk models and experienced support.

Our flexible and pragmatic approach addresses your concerns efficiently and cost-effectively with solutions tailored to your specific needs.