SDVI Corporation

# 2025 Greenhouse Gas Inventory Results

Reporting Period: January 1 – December 31, 2025

Prepared: April 2026

# Overview of 2025 GHG Emissions

SDVI's greenhouse gas inventory is an important component of our environmental responsibility. This report presents the results of SDVI's first comprehensive GHG inventory, establishing a baseline for tracking progress and identifying opportunities to reduce our carbon footprint.

SDVI's 2025 total emissions were 612.5 tCO2e (location-based) and 445.3 tCO2e (market-based). As a fully distributed SaaS company with 68 employees across 7 countries, SDVI has zero Scope 1 emissions and minimal Scope 2 emissions. Scope 3 value chain emissions account for over 99% of our total footprint.

The 27% difference between location-based and market-based totals is primarily driven by AWS's investments in renewable energy, which reduce cloud infrastructure emissions by 73%.

| | tCO2e | % of Total | tCO2e | |
|---|---|---|---|---|
| | **Location-based** | (Location) | **Market-based** | |
| Scope 1 | 0.0 | 0% | 0.0 | |
| Scope 2 (Location-based) | 3.4 | 0.6% | 3.8 | |
| Scope 3 | 609.1 | 99.4% | 441.5 | |
| **Total** | **612.5** | 100% | **445.3** | |

*Table 1: Total Greenhouse Gas (GHG) Emissions*

# Scope 1 & 2

SDVI leases a small office space within the Plug & Play building in Sunnyvale, California. As SDVI does not own or operate any combustion equipment, vehicles, or building systems, Scope 1 emissions are zero.

Scope 2 emissions of 3.4 tCO2e (location-based) and 3.8 tCO2e (market-based) result from SDVI's proportional share of building electricity. The building's electricity is supplied by Silicon Valley Power (SVP). SVP's non-residential power mix includes a significant share of fossil fuels, resulting in a market-based factor that is slightly higher than the CAMX regional grid average.

SDVI's fully distributed workforce model — with 68 employees working primarily from home across the US, Canada, UK, France, Belgium, Germany, and Norway — means that Scope 1 and 2 emissions represent less than 1% of the total footprint.

# Scope 3 Value Chain Emissions

Scope 3 represents over 99% of SDVI's total emissions. The following chart shows the breakdown by category.

| Scope 3 Category | Location (tCO2e) | % of S3 (L) | Market (tCO2e) | % of S3 (M) |
|---|---|---|---|---|
| Cat 1 – Purchased Goods & Services | 397.9 | 65.3% | 231.4 | 52.4% |
| Cat 2 – Capital Goods | 1.5 | 0.2% | 1.5 | 0.3% |
| Cat 3 – Fuel & Energy-Related Activities | 0.4 | 0.1% | 0.3 | 0.1% |
| Cat 4 – Upstream Transportation | — | — | — | Immaterial |
| Cat 5 – Waste | — | — | — | Immaterial |
| Cat 6 – Business Travel | 202.4 | 33.2% | 202.4 | 45.8% |
| Cat 7 – Employee Commuting & Remote Work | 11.0 | 1.8% | 9.7 | 2.2% |
| **Scope 3 Total** | **609.1** | **100%** | **441.5** | **100%** |

*Table 2: Scope 3 Emissions by Category*

# A Closer Look at SDVI's GHG Emissions

## Purchased Goods & Services (Category 1)

Category 1 is SDVI's largest emission source, driven by cloud infrastructure (AWS and GCP), SaaS subscriptions, professional services, tradeshows and events, and marketing activities. Cloud infrastructure alone accounts for 228.8 tCO2e location-based, which drops to 62.3 tCO2e market-based due to AWS's renewable energy procurement. SaaS and IT subscriptions, professional services, and tradeshows make up the remainder, calculated using EPA spend-based emission factors.

## Business Travel (Category 6)

Business travel is SDVI's second-largest emission source at 202.4 tCO2e. Air travel accounts for 96% of travel emissions. Emissions were calculated using distance-based methods where trip origins and destinations were known, with spend-based factors applied as a fallback. Hotel accommodation emissions are excluded (optional per the GHG Protocol). SDVI does not provide per diems.

## Employee Commuting & Remote Work (Category 7)

As a fully distributed company, Category 7 is primarily about home office energy use rather than traditional commuting. SDVI conducted an anonymous employee survey (82% response rate) to estimate electricity and heating emissions for remote workers. The survey collected broad regional information only (Americas vs. Europe) to protect employee privacy, as some countries have only one SDVI employee.

Survey results showed that 26% of Americas employees and 70% of Europe employees use renewable electricity (rooftop solar or green tariffs), which is reflected in the lower market-based figure. Only a small number of employees commute to the Sunnyvale office, approximately half using electric vehicles.

# Emission Reduction Initiatives

## Distributed Workforce

SDVI's fully distributed operating model inherently avoids significant emissions compared to a traditional office-based company of similar size. We estimate the distributed model avoids approximately 150 tCO2e annually:

- Avoided commuting: ~123 tCO2e. If all employees commuted daily to central offices (using US/EU average commute distances of 40–42 km round-trip), total commuting emissions would be approximately 123.5 tCO2e per year. SDVI's actual commuting emissions are under 1 tCO2e, as only a few employees occasionally visit the Sunnyvale office.
- Avoided office energy: ~27 tCO2e. A conventional office for 68 employees would require approximately 10,000 sq ft and consume roughly 153,000 kWh of electricity per year. SDVI's 750 sq ft shared space uses only 17,115 kWh, reducing office energy emissions from an estimated 30 tCO2e to just 3.4 tCO2e.

Combined, this avoided 150 tCO2e represents roughly 25% of what SDVI's total footprint would have been under a traditional office model.

## Cloud Provider Renewable Energy

AWS's investments in renewable energy reduced SDVI's cloud infrastructure emissions from 227.7 tCO2e (location-based) to 61.2 tCO2e (market-based) — a 73% reduction. This is the single largest driver of the gap between SDVI's location-based and market-based totals. SDVI's GCP footprint is minimal at 1.1 tCO2e.

## Electric Vehicle Adoption

Employee use of electric vehicles and electric trains for business travel avoided an estimated 1.1 tCO2e in emissions compared to conventional vehicles — an 83% reduction for those trips. While modest in absolute terms, this reflects growing adoption and a culture of sustainability among SDVI employees.

## Employee Renewable Energy

A significant share of SDVI employees power their homes with renewable electricity. The anonymous employee survey found that 26% of Americas employees and 70% of Europe employees use rooftop solar or green electricity tariffs. This reduces the market-based home office emissions by approximately 12% compared to the location-based figure.

# Scope & Methodology

SDVI's 2025 GHG inventory was calculated in accordance with the GHG Protocol Corporate Accounting and Reporting Standard (Scope 1 and 2) and the GHG Protocol Corporate Value Chain Standard (Scope 3). Key methodological details:

- Organizational boundary: Operational control
- Global warming potentials: IPCC Fifth Assessment Report (AR5)
- Scope 2 location-based: EPA eGRID2023, CAMX subregion
- Scope 2 market-based: Silicon Valley Power 2024 Power Content Label (Non-Residential)

- Scope 3 purchased goods & services: EPA Supply Chain GHG Emission Factors v1.3 (EEIO, with margins, 2022 GHG data)
- Cloud infrastructure: AWS Carbon Footprint Tool (location and market-based); GCP Carbon Footprint dashboard (market-based only)
- Business travel: Distance-based where trip data available; spend-based EEIO factors as fallback. Transportation only; hotel nights excluded.
- Employee remote work: Anonymous survey (82% response rate) for electricity and heating estimates by region (Americas/Europe). Conservative assumptions for non-respondents.
- Categories 4, 5, 8–15: Excluded as immaterial or not applicable to a SaaS company with no physical products, franchises, or investments.

This is SDVI's first comprehensive GHG inventory, establishing a 2025 baseline. Future reports will track year-over-year progress and incorporate improvements such as supplier-specific emission data and refined home office energy estimates.

### About SDVI

SDVI Corporation is a privately held, Emmy® Award-winning supplier of cloud-based media supply chain technology. The company's Rally platform helps media and entertainment organizations create scalable and responsive infrastructure for content ingest, processing, packaging, and distribution. SDVI is headquartered in Sunnyvale, California, with employees across the US, Canada, and Europe. www.sdvi.com