



PAINE
SCHWARTZ
PARTNERS

Annual Sustainability and Social Responsibility Report



2023



SUSTAINABLE FOOD CHAIN INVESTING

“Our mission is to invest in companies that can feed a growing population better food with more efficient use of resources, which we believe will deliver financial returns and address the sustainability imperative.”

– PAINE SCHWARTZ ESG COMMITTEE

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A Letter to Our Partners

At Paine Schwartz, we understand that the need for macro-level action to make our food structures more resilient, more just, and more beneficial to human health continues to be dire. As population growth advances, global food chains continue to be strained, highlighting the connection between sustainability and the food and agribusiness sector. Food security is threatened, food productivity can be compromised, and the wellbeing of the international populace is at risk.

We believe a focus on environmental, social, and governance (ESG) factors allows us to enhance our portfolio's influence on these global challenges while creating sustainable value on behalf of our investors. This is why we were early reporters on ESG progress – monitoring, advancing, and providing transparency around ESG metrics since 2017 – and we are proud to do so again in this year's Annual Sustainability and Social Responsibility Report. As we reflect on the past year and look forward to the future, we are excited about the influence we have had and will continue to have in support of global food systems and in promotion of health and wellness around the globe.

The United Nations' Sustainable Development Goals (SDGs), particularly Goal #2 Zero Hunger, have provided a framework for combating these risks, and we are proud of the contribution our investments make to support these goals. We believe a focus on addressing core themes of Productivity and Sustainability and Health and Wellness is deeply aligned with key ESG and diversity, equity, and inclusion (DE&I) objectives. As a signatory of the United Nations Principles for Responsible Investment (PRI) and a supporter of the Task Force on Climate-related Financial Disclosures (TCFD), we believe that responsible stewardship helps protect our portfolio from risk while further enhancing value.

This report seeks to detail the integration of ESG and DE&I into our investment practice, highlighting our ongoing leadership in these areas on behalf of stakeholders within Paine Schwartz, our industry, our portfolio, our Limited Partners (LPs), and our consumer base. We will soon begin to work with our LPs through our LP Sustainability Council to advance best practices in this regard and to meet the demands of our investor base. As part of the feedback we have received from our LPs, we have begun to codify the impact of each portfolio company, leveraging the Impact Management Project's (IMP) dimensions of impact of What, Who, How Much, Contribution, and Risk. Moving forward we seek to continue to build on this with alignment to the Global Impact Investor Network (GIIN) IRIS+ metrics, where applicable. These dimensions set out a framework for evaluation of our portfolio's impact on these key challenges of food production, safety, and nutrition.

Company-by-company, we are working with our portfolio to identify this broader contribution, advance operational ESG and DE&I performance, and embed ESG and DE&I considerations as value-driving elements of business strategies. We work with our portfolio companies to develop ESG Policies and with our CEOs to set ESG- and DE&I-related goals, which are tied to their compensation. We have also established a portfolio company Board survey to evaluate and progress Board diversity and strengthen governance around the most material ESG factors for each company.

Internally, we emphasize the same need for governance, with both an ESG and a DE&I Committee focused on long-term goals and near-term action. I am as proud to be a part of the senior leadership involved in these committees as I am of the employee voices pushing forward ongoing progress. In 2022, Paine Schwartz established a Women's Employee Resource Group and implemented robust, standardized DE&I data collection, allowing us to better prize and support the unique perspectives that make our business thrive. These initiatives have been guided by our signing the Institutional Limited Partners Association (ILPA) Diversity in Action initiative and our industry stewardship in groups such as the ILPA-affiliated Women's Awareness Initiative.

We are pleased to continue to report with full transparency on the progress and challenges of our environmentally- and socially-focused work through robust KPI performance metrics. Environmental statistics such as greenhouse gas emissions, energy usage, water usage, and waste and diversity statistics such as employee satisfaction and safety, supply chain standards, and human rights help us track and drive initiatives toward positive performance outcomes.

We believe our approach increases portfolio company performance while improving transparency and stakeholder accountability. We look forward to sharing this sixth annual assessment with you. This report reflects the commitment of Paine Schwartz and its portfolio, and we thank you for your ongoing support as we continue to invest and create value in companies that share our vision of the future.



Kevin Schwartz
CEO, Managing Partner

The Food and Agribusiness Imperative



Food Supply

- Current agricultural practices may be insufficient to feed the planet by 2050
- We will need to produce more food in the next 40 years than the previous 10,000



Social Responsibility

- Agriculture represents 40% of worldwide employment and 70% of the "bottom billion"
- The farm industry in the United States is only 36% women and 1.3% Black



Nutrition

- Poor diet is the #1 risk factor for deaths in the majority of countries around the world
- In the United States, the adult obesity rate has risen above 40%



Climate / Resources

- Farming and food processing drives almost one-third of the global carbon footprint
- Agriculture uses about 50% of the world's total habitable land and 70% of the world's fresh water

Please refer to Endnotes for sources.

"We believe our approach increases portfolio company accountability to ESG principles and improves transparency with external stakeholders."

2022 Portfolio ESG Highlights

100%

of our Majority-Owned Businesses maintain:

ESG diligence
practices,
including climate
risk assessment

ESG Policies
(or in the process
of implementing)

Employee
engagement
surveys

CEO Sustainability
and DE&I goals tied
to compensation

Scope 1, Scope 2
and partial Scope
3 emissions
reporting

6-years

reporting on
Sustainability and
Social Responsibility

79-point

questionnaire covering
ESG and DE&I
materiality completed
by 15 active companies

76%

of portfolio revenues
linked to UN SDGs

62%

of waste portfolio-wide
is composted or recycled
(diverted from the landfill)

37%

of portfolio company full
time employees identify
as women*

* Out of companies that reported gender

92%

of company Boards
have representation
from women or
underrepresented groups*

* Out of 12 portfolio companies surveyed

2022 Paine Schwartz DE&I Highlights

- Established DE&I Committee to formalize Paine Schwartz’s DE&I Roadmap
- Completed formalized DE&I data collection at the Paine Schwartz firm-level, with 97% participation rate
- Participated in W.K. Kellogg Expanding Equity workshop on racial equity, diversity, and inclusion
- Created Executive Women’s Employee Resource Group (ERG) at Paine Schwartz
- 5 of the last 7 senior Paine Schwartz hires have been women
- Of the 4 Investment Associates hired in 2022, 100% were women or from underrepresented groups
- 68% of total hires in 2022 were women
- Signed on to the ILPA-endorsed Women’s Awareness Initiative, which advances gender diversity in the asset management industry



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1

Driving
Outcomes

About Paine Schwartz

As an international leader in sustainable food and agribusiness investing, Paine Schwartz has been investing successfully in this resilient and fast-growing global sector for the past 20+ years.

Our differentiated investment strategy leverages a proactive, thesis-driven approach where we can invest behind high-quality businesses and drive operational value creation.

20+ years

of Food & Ag Investing

60+

Employees and Advisors at Paine Schwartz

81

Total Food & Ag Investments

\$5.5 billion

Assets Under Management

\$4.6 billion

Total Equity Invested

\$9.6 billion

Total Acquisition Value

100+ countries

Portfolio Company Sales

8,000+

Employees Across Portfolio Companies

Information as of December 31, 2022. AUM as of March 31, 2023.



Defining Our Impact

The structure and thematics of our business seek to make contributions to the United Nations Sustainable Development Goals (UN SDGs).*

Throughout the portfolio, each of our investments has elements addressing and providing valuable solutions for significant challenges throughout the global food chain.

PRIMARY AREA OF FOCUS

2

ZERO HUNGER



End hunger, achieve food security and improved nutrition, and promote sustainable agriculture.



8

DECENT WORK AND ECONOMIC GROWTH



Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all.

12

RESPONSIBLE CONSUMPTION AND PRODUCTION



Ensure sustainable consumption and production patterns.

13

CLIMATE ACTION



Take urgent action to combat climate change and its impacts.

15

LIFE ON LAND



Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss.

* The United Nations Sustainable Development Goals (SDGs) are aspirational in nature. The analysis involved in determining whether and how certain initiatives may contribute to the SDGs is inherently subjective and dependent on a number of factors. There can be no assurance that reasonable parties will agree on a decision as to whether certain projects or investments contribute to a particular SDG. Accordingly, investors should not place undue reliance on the Firm's application of the SDGs, as such application is subject to change at any time and in the Firm's sole discretion.

Impact Management Project (IMP) Impact Dimensions

In order to characterize and articulate alignment with the SDGs, we utilize the five impact dimensions of the Impact Management Project (IMP).































These dimensions provide a roadmap to help tailor each portfolio company's qualitative and quantitative impacts to their business models to both kick-start conversations related to impact and reveal areas for mitigation of risk and enhancement of value. Moving forward, we seek to further align portfolio company metrics across the IMP dimensions by leveraging the IRIS+ from the Global Impact Investor Network (GIIN).

PORTFOLIO COMPANY ESG VALUE PROPOSITION

METRIC	DEFINITION	EXAMPLES FROM OUR PORTFOLIO
What	What outcome(s) does the organization's activities drive / how important are these outcomes to the people (or planet) experiencing them?	<ul style="list-style-type: none">Resource use reductionImprovement of food quality
Who	Who experiences the outcome and how underserved are they in relation to the outcome?	<ul style="list-style-type: none">Local communitiesAnimal healthFood insecure populationsConsumer food safety
How Much	How much of the outcome occurs? Does it happen at scale, bring deep change, and does it last for a long time?	<ul style="list-style-type: none">Impact that accumulates over time such as production system technologiesImpact that happens over large-scale areas
Contribution	Would this change likely have happened anyway?	<ul style="list-style-type: none">Ranging from fully unlikely to possible but at a much slower rate
Risk	What is the risk to people and planet if the impact does not occur as expected?	<ul style="list-style-type: none">Contaminated groundwaterHigher costs of productionLack of available quality nutrition

SDG Mapping

Throughout our portfolio, the purpose of our companies is synergistic with positive environmental and social outcomes. This begins with identifying Sustainable Development Investment (SDI) contributions and mapping UN SDG alignment, and leads to quantifiable impact for a growing global population.

PORTFOLIO COMPANY	DESCRIPTION	SDI CONTRIBUTION	PRIMARY SDG	QUANTIFIED IMPACT*
 ADVANCED AGRILYTICS	Advanced Agrilytics works with progressive growers to improve sustainability by maximizing yields and profitability through a high-touch, independent, and comprehensive agronomy approach that is enabled by technology using precision data and spatial models to recommend optimal use of each input, practice, and attribute on every acre throughout the season.	Manufacture equipment, instruments and materials or provide agricultural support services for resource-efficient farming	 2.4 Production and productivity	1.1 million acres are now resource efficient
 AgBiTech	AgBiTech's broad-spectrum portfolio of biological lepidopteran-control products offers growers cost-competitive tools to replace or augment chemical pesticides in both selected broad-acre and specialty crops. These products simultaneously provide residual control characteristics and a positive environmental profile, while enhancing resistance management and enabling effective integrated pest management.	Producers of biological pesticides	 15.5 Reduce degradation of natural habitats	12.6 million acres now use biological products vs. chemical-based pesticides
 AgroFresh	AgroFresh is a global leader in providing pre and post-harvest solutions, technologies and services to enhance the quality and extend the shelf life of fresh produce, reducing food waste and improving sustainability throughout the value chain.	Produce ingredients and enzymes that prevent or delay food spoilage	 12.3 Halve per capita food waste	260K MTs of apples are saved and sold every year
 Axiota Animal Health	Axiota Animal Health is the commercial leader in animal health and nutrition product development and commercialization of nutritional health products that offer cattle producers innovative and science-based non-antibiotic solutions to prepare cattle to thrive during transition and stress.	Increase animal productivity	 2.4 Production and productivity	13.3 million head of cattle received Multimin and 4.5 million head of cattle received Lactipro in 2022
 HENDRIX GENETICS	Hendrix Genetics is a leading multi-species animal genetics and technology company with primary activities in turkeys, laying hens, traditional poultry, swine, salmon, trout and shrimp breeding. Backed by a strong portfolio of leading brands, Hendrix Genetics aims to provide innovative and sustainable genetic solutions to meet the growing global demand for food.	Increase animal productivity	 2.4 Production and productivity	Nearly 40% increase in a hen's annual egg production since 1970
 HGS BioScience™	HGS BioScience (formerly Humic Growth Solutions) produces humic and fulvic acid products helping growers improve productivity, nutrient use efficiency and soil health. HGS BioScience is differentiated by its patented, uniquely-water soluble granulation technology. The company operates across six manufacturing locations for domestic use and export to more than 40 countries worldwide.	Increase soil productivity (e.g. soil fertilizers)	 2.4 Production and productivity	500,000 pounds of humic acid products made every week, which boost soil nutrition
 kynetec	Kynetec is a provider of market research solutions for the agriculture and animal health industries, helping companies around the world understand the dynamics of their marketplaces, turning research into business opportunities and enabling clients to create winning strategies.	Manufacture equipment, instruments and materials or provide agricultural support services for resource-efficient farming	 2.4 Production and productivity	>10,000 clients able to access environmental data insights
 LYONS	Lyons is the leader in the development and commercialization of innovative beverage and ingredient solutions for international foodservice, healthcare and food manufacturing customers. From fruit-based ingredients to plant-based functional beverages, Lyons brings solutions to life.	Produce healthier, more nutritious or natural food products	 2.2 Increased quality of food	\$116 million of product sold to healthcare clients in 2022
 MONTEREY MUSHROOMS	Monterey Mushrooms is a leading vertically integrated researcher, developer, licensor, grower and marketer of premium mushrooms, mushrooms genetics and mushroom ingredients. Founded in 1971, Monterey operates across four primary segments: Fresh, Biotechnology, Ingredients, and Nutraceutical, and has capacity to produce ~200 million pounds of mushrooms every year.	Produce healthier, more nutritious or natural food products	 2.2 Increased quality of food	20% of the 200 million mushrooms sold in 2022 were vitamin D enhanced
 PRIMA WAWONA	Prima Wawona is the national category leader in quality organic and conventional peaches, plums, nectarines and apricots. Driven by operational excellence across the value chain, from proprietary genetics to leading sustainable farming practices to innovative customer solutions, the company delivers consumers the most consistent and flavorful stone fruit experience.	Produce basic food products (as defined by Choices Programme)	 2.1 Nutritious food	18,222 acres of land producing stone fruits
 Registrar Corp	Registrar is the category leader in tech-enabled supply chain compliance for highly regulated and life sustaining markets. The Company leverages proprietary software and automation to facilitate the flow of essential trade, removing regulatory friction through providing data-driven visibility into, and assurance for, global supply chains at scale.	Provide food quality testing services or certificates	 2.2 Increased quality of food	317,979 companies globally have been assigned a risk score (high, medium, low) by Registrar's proprietary system
 snfl GROUP	SNFL is a global market leader in the R&D, licensing and marketing of proprietary table grape varieties with a modern, sophisticated breeding engine designed to deliver solutions across the value chain, from growers through retailers.	Increase crop productivity (e.g. improved seeds)	 2.4 Production and productivity	39 patented table grape varieties are circulated to a global network of ~1,200 growers
 STERILEX	Sterilex is a recognized industry leader for developing innovative, proprietary food safety antimicrobial products designed to disinfect and eliminate resistant microorganisms across a wide range of industries, including food processing, animal health and water treatment.	Producers of packaging, testing, and natural additives that contribute to food product safety	 2.1 Safe food	10,000 gallons of water are saved every year when a client switches from a conventional doorway foaming unit to a Sterilex powder sanitizer
 suja LIFE	Suja Life is the leading, vertically integrated manufacturer and marketer of plant-based, better-for-you cold-pressed juices and related beverages committed to delivering function, nutrition and superior taste to a diverse, national consumer base.	Produce healthier, more nutritious or natural food products	 2.2 Increased quality of food	90% of Americans do not consume enough fruits and vegetables and 100% of Suja's nutrient dense products (100M+ lbs of product annually) are focused on delivering delicious, healthy products to consumers
 URBAN farmer	Urban Farmer is a market leading plant-based specialty dough contract manufacturer operating within the better-for-you end market. Driven by quality and operational excellence, the company exclusively uses plant-based ingredients and best-in-class gluten free manufacturing facilities to produce a differentiated and growing portfolio of specialty dough products.	Produce healthier, more nutritious or natural food products	 2.2 Increased quality of food	93% of 34.1 million units sold in 2022 were gluten free

Note: Costa is excluded given it is an investment in a public company. * Please refer to Endnotes for sources.

ESG in Our Process

Over time, we have developed a robust framework for integration of ESG- and DE&I-related considerations throughout our investment process.

By ensuring these foundations of ESG performance are formalized from pre-investment through realization, we aim to directly align value creation with material ESG factors.



- 1

IDEA GENERATION & SOURCING

 - Exclusion Policy:** As a food and agribusiness investor, we do not invest in companies which are in the business of manufacturing and/or selling controversial weapons, gambling, or producing oil and/or natural gas*
 - Thematic Connections:** Our two core investment themes drive our Hunting Grounds, each with direct connection to the Sustainable Development Investment (SDI) taxonomy
- 2

DUE DILIGENCE

 - SDG Relevance:** Pre-investment, each company's impact proposition is systematically articulated and evaluated
 - ESG Integration:** Our due diligence process identifies material ESG risks and opportunities, all of which is incorporated into our first 100-day and long-term investment planning
 - Third Party Verification:** We leverage third party resources to help identify potential risks and provide recommendations on risk mitigation
- 3

PORTFOLIO MONITORING AND ENGAGEMENT

 - Aligning ESG and Value:** CEOs and Boards set ESG and DE&I goals annually that have a direct impact on CEO bonus compensation and are reviewed at quarterly Board meetings
 - As of 2022, our portfolio companies have cascaded these goals through to other managerial levels to tie compensation to sustainability and social responsibility. Overall, this aligns senior management teams around achieving ESG and impact goals
 - Annual Reporting:** Required of all companies with deep dives into material energy, emissions, water, waste, governance, and DE&I considerations, all of which is verified with a third-party sustainability consultant
- 4

EXIT

 - Resilient Growth:** Our objective is to ensure that over our hold period, real measurable changes are made in terms of each company's sustainability and social responsibility profile in ways that are consistent with driving returns. To do this, we evaluate a company's trajectory on ESG and impact as part of the exit proposition and timing

* Such exclusions are subject to change at any time in Paine Schwartz's sole discretion.

Portfolio Company Integration

Implemented across the portfolio, Paine Schwartz has a defined framework of goals for each of our investments.

We believe that our focus on these ESG-related goals creates portfolio companies of longer-lasting value and positions each business to realize long-term growth tailwinds in the industry and for potentially greater value at our exit.

ESG-RELATED GOALS



EXCERPT FROM PORTFOLIO COMPANY ESG POLICY

Our actions and commitments range from promoting diversity, equity, and inclusion (DE&I), reduction of waste & greenhouse gas emissions while creating the safest environment for our staff and partners.



EXAMPLE ESG GOALS	
SUSTAINABILITY	DE&I
Achieve landfill diversion rate greater or equal to 74%	Improve monthly average employee turnover by 15%
Increase yield for a big box retailer's product to 95%, thereby reducing waste	Record Total Recordable Incident Rate (TRIR) of 4.4 or better
Extend the removal of cardboard circular bases to a big box retailer's products by Q1 2023 (completed)	Maintain or improve gender / ethnic distribution for production and managerial group

Stewardship and Governance

Paine Schwartz’s focus on ESG and DE&I considerations is driven by our senior leadership, with contribution and execution throughout the firm and our portfolio.

We also proudly engage with the broader private equity industry to learn best practices, as well as help lead the conversation around these important commitments.

ESG Commitment

ESG COMMITTEE

ESG Committee Chair

Kevin Schwartz, CEO

Portfolio Excellence Platform

Lutz Goedde, Partner

Human Capital

Renata Dinkelmann, Head of Human Capital

Legal & Compliance

Renata Malavazzi, CCO & General Counsel

Investor Relations

Natalya Michaels, Head of Investor Relations

Investment Team

Will Kaplan, Principal

Rotating Observers

Rotating Cross-Functional Membership

ESG COMMITTEE PRIORITIES INCLUDE:

- Ongoing design and stewardship of Paine Schwartz’s ESG strategy and formal policies (including annual policy review and update)
- Oversight of ESG integration across the investment lifecycle from sourcing to exit
- Stewardship and approval of Paine Schwartz’s ESG reporting and external communications
- Prioritizing and executing key enhancements to Paine Schwartz’s ESG platform
- Close coordination with portfolio companies on their ESG policies and value creation drivers

DE&I Commitment

Diversity in Action



Paine Schwartz has been a proud signatory of the ILPA Diversity in Action Initiative since 2022.

- ▶ **Led by our DE&I Committee, with both senior and diverse representation from departments across the firm**
- ▶ **Focused on six key priority areas:**
 - Demographics, hiring, and promotion of our internal team
 - Recruitment and retention through partnerships and programs
 - Training for all Paine Schwartz staff
 - Employee engagement to solicit feedback and inform our DE&I Roadmap
 - Engagement in the broader private equity industry, as well as the communities where we operate and live
 - Portfolio company DE&I performance including Board-level diversity and annual goal-setting

Transparent Reporting

We operate by the saying “what is not measured cannot be improved” and have continued to deepen our reporting around ESG and DE&I factors over the past six years.



We summarize this performance, as well as the progress of our portfolio companies on their stated goals and global food chain influence, in our Annual Sustainability and Social Responsibility Report – an industry leader in its depth of reporting.

Certification and Standards

We are guided in our reporting metrics and benchmarking standards by some of the investment industry’s most significant international frameworks.



Paine Schwartz has been a proud signatory of the Principles for Responsible Investment (PRI) since April 2019. Supported by the United Nations, PRI establishes a cohesive set of investment principles for ESG integration, transparency, and stewardship.



Paine Schwartz’s ESG Policy includes alignment with the considerations put forth by the Task Force on Climate-related Financial Disclosures (TCFD). We have conducted a gap analysis for formal alignment with TCFD. Please see Appendix.



As a member of the ESG Data Convergence Initiative (EDCI), Paine Schwartz seeks to drive convergence around a standardized set of ESG metrics and mechanism for comparative reporting in the private equity industry. Please see Appendix.



The Global Reporting Initiative (GRI) seeks to provide best practice for impact reporting around the world. Paine Schwartz is currently undergoing a gap analysis with the expectation of being able to further our reporting through GRI in the future.



Paine Schwartz uses the Sustainability Accounting Standards Board (SASB) guidance for the Food & Beverage Industry to identify material ESG focus areas. Please see Appendix.

LP SUSTAINABILITY COUNCIL

In addition to the guidance provided by our framework commitments, signatoryships, and adherence to industry standards, Paine Schwartz engages with our Limited Partners to seek a best-in-class impact approach. We are introducing an LP Sustainability Council as a discussion forum around ESG and DE&I best practices, leveraging the experience and advice of our global investor base to lead the industry in these areas

Diversity, Equity, and Inclusion

We believe that people form the basis of everything that we do: from the internal team that empowers Paine Schwartz, to the employees of our portfolio companies, and ultimately through to the global population.

Our focus on DE&I, therefore, is imperative to the success of our business and our investments. It is a responsibility we take seriously and a strategy we advance with intentionality in the pursuit of ever-advancing performance.

Advancing DE&I Performance

For the past two years, Paine Schwartz has expanded our engagement and advanced our objectives around DE&I. In 2021, we conducted an anonymous employee engagement survey which helped inform our DE&I initiatives for 2022. Our work has been both internal, as well as in partnership with our portfolio companies, and we hope to continue to steward the importance of shared outcomes, health and wellbeing, and cultural inclusivity in our business and in our industry.

PAINE SCHWARTZ’S DE&I MISSION STATEMENT

- As investors in food and agribusiness, we invest in people: the people who make our business, the people who power our portfolio companies, and the people our products and services influence.
- At Paine Schwartz, we are committed to attracting and retaining best-in-class talent, welcoming diverse perspectives, and celebrating transparency. We believe this cultivates an inclusive and respectful work environment where employees bring their true selves to work every day.
- We believe fostering diversity, equity, and inclusion improves collaboration and decision-making, nurtures a sense of shared environment, and ultimately results in better investment outcomes.

Social Commitment

As part of our long-established commitment to underrepresented groups, Paine Schwartz has been a proud partner of Hope for the Warriors® since 2020.



Hope for the Warriors (HFTW) is a nonprofit group providing comprehensive support programs for service members, veterans, and military families focused on transition, health and wellness, peer engagement, and connections to community resources.


We are proud of our commitment to supporting veterans in the U.S. and look forward to continuing our partnership with this important organization.


No Obstacles – A Race for the Warriors Event


In October 2022, Paine Schwartz hosted our first annual event to benefit HFTW. This 5K/10K race featured an obstacle course designed and operated by Spartan Races. The event was the largest single fundraiser for the organization, and we are so appreciative of our event sponsors, participants, and volunteers.

We also are pleased to share that Mollie Stambovsky, our Head of Administration, was named HFTW’s Volunteer of the Month in November 2022 for her above-and-beyond volunteer work in relation to the organization, planning, and communication for the No Obstacles event.

We look forward to another successful event this year on **October 6, 2023** on **Governor’s Island!**

 **154**
Racers

 **25+**
Volunteers

 **>\$500,000**
Raised



Please visit
www.hopeforthewarriors.org
to learn more.

DE&I AT PAINE SCHWARTZ IN 2022 AND BEYOND

ADVANCING DE&I METRICS AND POLICIES

- Updated DE&I data collection at the firm level uses ILPA terminology for collection of gender, race / ethnicity, sexual orientation, differing abilities, and veteran status metrics
- All new employees of the firm self-report these same metrics
- December 2022 employee demographics survey had 97% participation, and we expect to continue regular surveying of our employee base
- To support our employees in being fully present and engaged with their loved ones, we enhanced our parental leave policy. The updated policy offers 16 weeks of fully paid leave for primary caregivers and 3 weeks for non-primary caregivers and provides access to additional resources (dedicated post-partum nurses, 24/7 health advocates and pre-tax savings accounts)

SUPPORT OF WOMEN IN LEADERSHIP

- Paine Schwartz became part of the Women’s Awareness Initiative, which is part of the ILPA DE&I Roadmap, and is committed to supporting initiatives that bridge the gender diversity gap in the asset management industry
- Internally, we established a Women’s Employee Resource Group, which meets regularly to provide mentorship and leadership through speaker series and industry networking events for our team, our companies, our investors, and our advisors

EXTERNAL STEWARDSHIP

- Each portfolio company CEO creates an annual goal around DE&I that is tied to their compensation
- Portfolio company surveying on Board composition is advancing conversations around the expectations of diverse representation in portfolio company leadership
- We now have a robust section on DE&I in the Paine Schwartz DDQ to transparently share the details of our DE&I program and progress with our Limited Partners

TAKING A LONG-TERM VIEW

- Paine Schwartz continues to work on developing an inclusive hiring process to promote a more diverse employee base
- We are working on revamping our internship program to support connecting with college students from underrepresented backgrounds
- We are also working closely with our new hires from underrepresented groups, providing coaching and mentorship opportunities
- Paine Schwartz conducted anti-bias training for all employees to raise ongoing awareness of equity and inclusion topics



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ESG in Action in the Paine Schwartz Portfolio

Individual Portfolio Case Studies

FUND VI*



26



28



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* Costa is excluded given it is an investment in a public company. AgroFresh was a prior Fund V investment and was exited on March 31, 2023.

FUND V



32



34



36



38

FUND V



40



42



44



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FUND IV



48



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52



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Key ESG and DE&I Highlights

In 2022, AgroFresh focused on ESG- and DE&I-related activities that support advancement in each of its four sustainability and social impact pillars.

2022 DE&I HIGHLIGHTS

- AgroFresh conducts global employee engagement surveys every two years. In 2022, 304 employees were invited to participate. With an 88% response rate, the company received a 77% favorability rating. Survey results show that 81% of respondents believe that senior leadership is genuinely committed to attracting, developing and keeping a diverse workforce, which is 10 points above industry average
- The company maintained a 33% female global workforce, while increasing women in leadership by 5%
- The Forum of Executive Women named AgroFresh as a Champion of Board Diversity in recognition of the continuation of these efforts in the company's governance
- AgroFresh maintained its commitment to community service, holding the first Global Mission Day in the U.S., Brazil, Spain, and France

Business Snapshot

AgroFresh delivers shelf-life extension solutions to growers, producers, packers, and retailers of produce in more than 50 countries worldwide. The company crafts and patents innovative technologies such as ethylene management solutions, antimicrobials, and plant-based coatings in state-of-the-art research facilities. Tailored to client needs, AgroFresh post-harvest solutions maintain freshness and quality, preventing food loss across the fresh produce supply chain. AgroFresh has more than 3,700 direct customers and maintains 475+ patents and patent applications.



Impact and SDG Contributions

The UN Food and Agriculture Organization reports that 33% of all food – and upwards of 50% of fresh produce – is wasted or perishes before being consumed. AgroFresh's portfolio of products, digital solutions and services to the fresh produce industry directly seek to mitigate this food waste, simultaneously having the potential to reduce the associated carbon emissions.

AgroFresh revolutionized the apple industry when the company pioneered the commercialization of 1-MCP in apples (SmartFresh), a naturally derived plant-growth regulator that reduces CO₂ respiration and slows the ripening process for long-term storage. SmartFresh technology has shown to yield an annual reduction of 800,000 tons of CO₂, including reduced apple respiration, reduced energy consumption from storage rooms, and transport-based energy savings without the need for lower temperature-controlled conditions. In addition to 1-MCP for apples and other crops, the company has developed a range of additional proprietary products and services which reduce waste across the value chain to extend shelf life, reduce waste, and help its customers deliver an abundant and consistent supply of quality and fresh produce for global consumers.



12.3

RESPONSIBLE CONSUMPTION
AND PRODUCTION: HALVE
PER CAPITA FOOD WASTE

AGROFRESH'S GOALS BY 2027 ACROSS FOUR KEY PILLARS

INNOVATION AND R&D

- 100% of AgroFresh R&D investment for new technology platforms, products, and services to fulfill at least one sustainability criteria
- Introduce more sustainably sourced raw materials in new AgroFresh products

ENVIRONMENTAL IMPACT

- Reduce Scope 1 and Scope 2 emissions
- Evaluate packaging to reduce its environmental footprint
- Implement water and waste reduction strategies

DIVERSITY AND INCLUSION

- Increase gender diversity in AgroFresh's global workforce
- Increase gender and ethnic/racial diversity in AgroFresh's U.S. workforce

COMMUNITY IMPACT

- Partner to advance the mission of food security and food waste prevention

2022 SUSTAINABILITY HIGHLIGHTS

- In 2022, AgroFresh continued to deliver on its efforts to bring a full range of novel, natural, and biologic solutions to its global customers
 - AgroFresh commercialized Vitafresh Botanicals, a proprietary portfolio of plant-based coating solutions for a wide-range of crops from citrus to avocados to mangos
 - AgroFresh signed an exclusive agreement with Ceradis Crop Protection, B.V. for distribution of CeraFruta, an organic biofungicide that will be commercialized in 2023
- AgroFresh's Control-Tec™ systems provides post-harvest treatment equipment to help optimize produce preservation. In 2022, Control-Tec™ Eco was added to the line, providing a highly efficient filter technology that allows for reuse of waste water from drenchers and tanks
- The company prioritized waste valorization at facilities to increase landfill diversion globally. From 2021 to 2022, these efforts resulted in an increase in total waste recycled from 27% to 58%
- From 2021 to 2022, AgroFresh reduced its carbon footprint by 69%, taking into account Scope 1 and 2, with a 16% reduction in electricity consumption across its facilities in 2021–2022. In addition, AgroFresh reduced overall fuel consumption across its global fleet by 67% vs 2021
- In 2022, AgroFresh reused 40 tons of plastic in its Valencia plant via a container takeback program. The effort saved the equivalent of over 60 metric tons of CO₂ by avoiding new raw material and manufacturing

2023 GOALS

The company's focus will continue to be on advancing progress across each of its ESG pillars, plotting tangible progress towards the 2027 goals described here.



Looking Forward

AgroFresh is a fast-moving, dynamic company dedicated to delivering integrated solutions for more freshness and quality, every step of the way from field to market. As the company collaborates with its customers and drives ongoing R&D, AgroFresh will continue to provide solutions that benefit the sustainability of the global food supply chain.



Key ESG and DE&I Highlights

HGS came under new leadership in September 2022, with a strong focus on improving employee wellbeing, health and safety, governance and waste management.



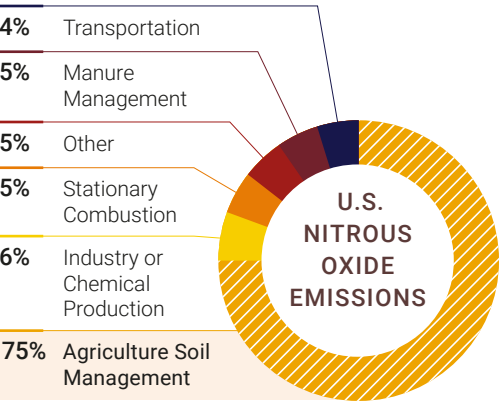
Business Snapshot

HGS BioScience (“HGS”, formerly Humic Growth Solutions) is the global leader in extracted humate manufacturing, with a strong innovation pipeline and nine issued patents. The company’s goal is to reduce global synthetic nitrogen fertilizer dependency by providing efficient and economical means to return functional carbon to the soil. The addition of functional carbon (extracted humates) enhances soil health, increases fertilizer and water-use efficiencies, and supports overall soil sustainability for the advancement of dynamic agriculture.

HGS’s raw material humate is sourced from an ancient freshwater peat bog in North America, the only known ancient freshwater source on the planet that contains high concentrations of humic and fulvic acid with extremely low levels of heavy metals. Grower application of these humates better retains bioavailable nutrients in and around the root zone by establishing nanoparticles that chelate complex nutrients, enhancing fertilizer phosphorous use efficiency up to 25% and increasing farmer yields.

Impact and SDG Contributions

As conventional agricultural systems have advanced, research shows a direct link between the application of synthetic nitrogenous fertilizers and the decline in soil carbon, negatively impacting the soil’s physical, chemical, and biological functionalities. HGS’s products help combat this issue, driving more efficient and effective fertilizer usage and enhancing crop yields.



HGS CONTRIBUTING TO CLIMATE SOLUTIONS

- 500,000 pounds of humate produced per week
- Humate-treated soil:
 - 20% increase in water infiltration
 - 5.5% decrease in water runoff
 - 3.9 tons of carbon captured per acre

2022 SUSTAINABILITY HIGHLIGHTS

- In addition to removing dated equipment, HGS’s new management team put in place a **waste management program** which has vastly improved employee health
- The company also implemented a **robust safety tracking system** to improve culture and mitigate serious injuries
- Further employee safety was monitored through **frequent safety compliance audits**, providing third-party analysis of ways to improve and ensure proper compliance of safety protocols
- HGS also began the process of conducting a **pay equity review** and **raised hourly salary rates**, improving productivity across the company
- Efficiency in HGS’s production** has improved significantly as a result of intentional and active employee engagement

ONGOING ESG AND DE&I OPPORTUNITIES

- Create an **ESG Policy**
- Develop an **HR handbook** with human rights policies
- Adopt **General Data Protection Regulation (GDPR) compliance**
- Implement **pulse surveys**
- Continue to reduce supply chain risks through **100% North American sourcing and manufacturing**
- Evaluate **reuse of onsite waste** to increase operational sustainability
- In late 2022, HGS BioScience added two women to its Board of Directors, creating **one-third representation by women on the Board** including its Chairperson

2023 GOALS

- In 2023, HGS will continue to put into place the infrastructure needed to track, report on, and advance ESG- and DE&I-related performance. The company’s goal is to have no major injuries throughout the year as it continues to scale, while improving the maturity of its waste management KPIs and materials handling standards
- In addition, HGS will request of search firms that candidate pools are at least one-third diverse while creating 1-2 employee resource groups to celebrate diversity in its existing team



Looking Forward

The innovations from HGS BioScience have the potential to play a critical role in the decarbonization of the agricultural industry. Growth of the company may directly translate to reduced nitrogen release and enhanced carbon capture, while enhancing crop yields and improving farmers’ bottom lines.

The Importance of Soil

- Over a 100-year horizon, Nitrous Oxide (N₂O) has 300x more global warming potential than CO₂
- 75% of N₂O emissions come from synthetic nitrogen fertilizer usage in the agriculture sector, which causes:
 - A “nitrogen cascade,” speeding up the decomposition of organic matter and creating less pore space in the soil – this phenomenon makes the soil less efficient at storing nutrients, water, and air and also requires greater use of fertilization and irrigation
 - Exponentially increased agricultural emissions
- Soil restoration is internationally recognized as one of the lowest cost GHG abatement opportunities available
- Soil is the largest reservoir on earth for actively cycling carbon and has the potential to mitigate CO₂ and N₂O emissions

Please refer to Endnotes for sources.

FUND VI

Monterey Mushrooms



Key ESG and DE&I Highlights

Monterey Mushroom’s focus on ESG and DE&I is ongoing given how critical the environment and workers are to the company’s business success.



Business Snapshot

Founded in 1971, Monterey Mushrooms is the largest grower of fresh mushrooms in North America, packaging and distributing mushrooms from nine farms in California, Texas, Illinois, Tennessee, Florida, Pennsylvania, and Mexico. Mushrooms by nature are sustainably produced, grown vertically in limited space such that one million pounds can be produced on a single acre.

Monterey Mushrooms became a family-owned business when it was purchased in 1988 by Shah Kazemi, who began as an employee himself. Today, Monterey operations in the U.S. and Mexico are proud to grow more than 200 million pounds of fresh mushrooms every year.



Impact and SDG Contributions

Growing conditions, along with nutritional value, make mushrooms a staple plant-based source of vitamin D, fiber, B vitamins and potassium. However, most mushrooms are grown indoors, which does not provide the right conditions to make them a significant source of vitamin D. Monterey Mushrooms teamed up with the U.S. Department of Agriculture (USDA) to replicate vitamin D-rich sunlight indoors for a much higher concentration of the vitamin than is normally found in mushrooms. Nearly 20% of Monterey Mushrooms’ sales in 2022 leveraged a proprietary UV-light system, enriching those production batches to provide 50% the FDA recommended daily value of vitamin D (as compared with traditional mushrooms which only provide 1–3%). Mushrooms also provide a greater concentration of selenium than any other fruit or vegetable, plus natural cancer-fighting and anti-inflammatory properties.

Please refer to Endnotes for sources.

Blending mushrooms in with meat partially offsets the meat industry’s carbon footprint with an eco-friendly growing process. For example, compared to the 660 gallons of water required to produce one hamburger, a pound of mushrooms needs less than two gallons.

2

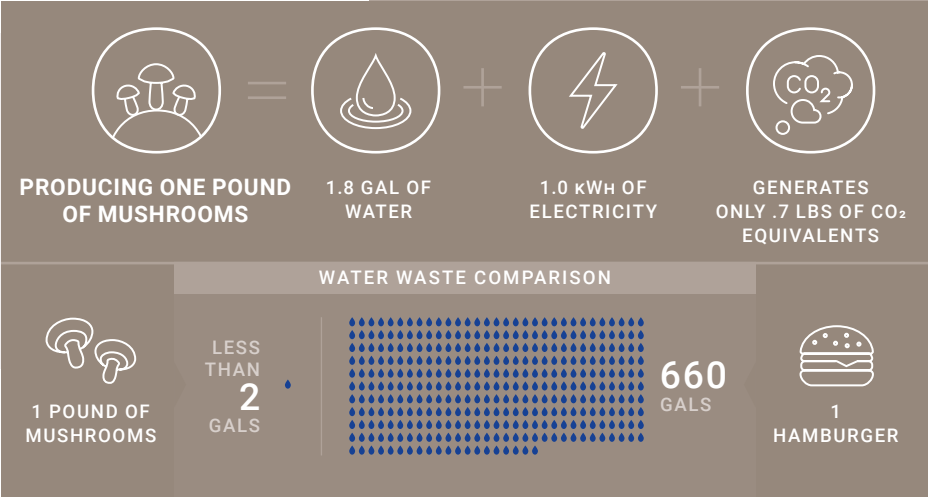
ZERO HUNGER

2.2

ZERO HUNGER:
INCREASED QUALITY
OF FOOD

MUSHROOMS REQUIRE
A SMALL AMOUNT OF LAND
AND RESOURCES TO GROW

1 ACRE = 1 MILLION POUNDS OF MUSHROOMS



1 POUND OF
MUSHROOMS

WATER WASTE COMPARISON

LESS
THAN
2
GALS

660
GALS

1
HAMBURGER

2022 SUSTAINABILITY HIGHLIGHTS

- All mushrooms have a printed code on the package, providing **traceability to customers and regulators** to know when, where, and on what production line the mushrooms were packed
- Monterey’s mushrooms are **grown in a nutrient-rich substrate**. Secondary and tertiary input commodities from other agricultural industries are sourced to create mushroom substrate. Wheat straw, sources of nitrogen and other organic materials are composted to provide a selective growth medium for mushrooms. The creation of this substrate serves as a recycling mechanism for these agricultural sectors. As an example, dried poultry waste is used in the substrate for its high nitrogen content
- The company **recycles its water runoff through compost wharves** that are purposefully designed at a slope to direct water to lagoons, catch basins, and hold tanks so it can be pumped back into the compost piles
- Monterey Mushrooms participates in the **Walmart Project Gigaton & THESIS reporting, Sysco Foodservice Sustainability reporting, and Social Responsibility audits for Walmart and Costco**

2022 DE&I HIGHLIGHTS

- In 2022, Monterey Mushrooms instituted **unconscious bias training** for all leadership, and the company is planning **diversity training** for hourly teammates in 2023
- Monterey Mushrooms uses Outsolve to conduct **affirmative action planning** and to review **pay by gender** or Equal Employment Opportunity Commission codes
- Community engagement is a passion of Monterey’s CEO, and the company awards **annual scholarships to the dependent children of full-time employees** in a program that honors Carl Victor Fields, the company’s former Vice President of Marketing. Since 1992, more than \$3.6 million has been granted

2023 GOALS

Monterey Mushrooms is currently working on revitalizing its health and safety approach to ensure company-wide safety for employees along with protection of the environment. In early 2023, the company completed third-party employee and food safety audits that it began at the end of 2022 in conjunction with corrective action items. Based on these assessments, the company plans to create a global Environmental, Health & Safety Management System with standardized programming later this year. The goal is to reduce workers’ compensation costs and build a strong safety culture. The company also plans to create an ESG Policy and a DE&I Strategy.

Looking Forward

Monterey Mushrooms has a vision to be the best integrated mushroom company in North America by efficiently delivering superior value to its customers and end consumers. From its growing operations and environmental impact, to its product development and the direction of the company itself, Monterey Mushrooms is committed to sustainability at every level.



FUND V

Advanced Agrilytics



Key ESG and DE&I Highlights

As an in-field agronomic service provider that aligns grower ROI with sustainability, Advanced Agrilytics understands the significance of advancing its environmental and social impact profile.



Business Snapshot

Advanced Agrilytics (“AdvAg”) brings precision agriculture to growers by implementing direct-to-farm agronomic and digital farming guidance striving to maximize crop yields and profit potential. Using a hex-grid approach, the company analyzes soil sampling data and water movement to provide variable rate prescriptions through proprietary algorithms and differentiated data.

Guiding efficient, sustainable nutrient application helps growers optimize crop and soil inputs, as well as enhance both production and overall climate resilience. These techniques are critical within a food supply chain and consumer environment that is demanding sustainable and regenerative farming practices. They also help progressive growers mitigate risk and improve sustainable, more resilient production.



Impact and SDG Contributions

AdvAg’s service offering enhances agricultural productivity of growers, consolidating multiple services and relationships for growers by offering one complete and unbiased product. Growers who partner with AdvAg gain a team of agronomy experts who provide critical, customized recommendations to support every acre including tillage, weed control, lime, phosphorous, potassium, nitrogen and nitrogen stabilizers, corn hybrid and soybean variety placement, and seeding recommendations, as well as other management support.

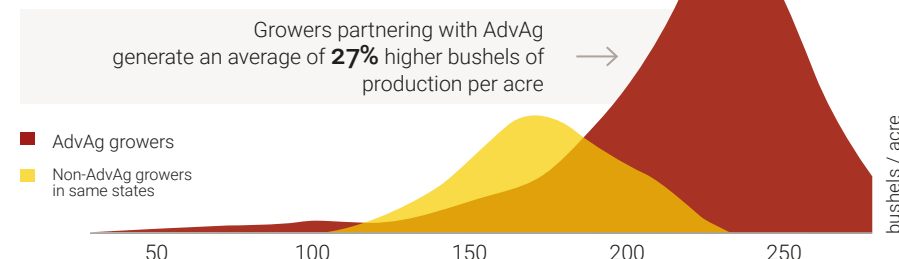


2.4

**ZERO HUNGER:
PRODUCTION AND
PRODUCTIVITY**

NUTRIENT USE EFFICIENCY AND YIELD GAINS

Growers partnering with AdvAg generally use **18+%** less nitrogen per bushel of corn produced



U.S. FARMLAND FOOTPRINT

- 1,100,000 ACRES SUSTAINABLY MANAGED WITH ADVAG GUIDANCE
- 60+ EXPERT AGRONOMISTS
- 300% EMPLOYEE GROWTH IN LAST THREE YEARS
- 90% CUSTOMER RETENTION

2022 SUSTAINABILITY HIGHLIGHTS

- In 2022, AdvAg **updated the ESG Policy** it originally created a year prior. The revised policy covers the integration of ESG in the company’s business practices, key focus areas, a commitment to transparent reporting, and the roles and responsibilities of AdvAg’s 11-member ESG Team
- The company developed a summary of its agronomic and scientific approach in support of its **4R Nutrient Stewardship Certification application**, which it expects to complete in 2023. The voluntary certification focuses on providing agricultural retailers and independent crop consultants in Indiana with a science-based framework for plant nutrition management and sustained crop production. It is a proactive, responsible commitment aimed at the long-term improvement of water quality
- AdvAg provided **grower-direct training** at the start of 2022, educating 75 attendees over the course of two days

2022 DE&I HIGHLIGHTS

- With an all-remote workforce, the company hosted a **multi-day program focused on its employees**, gathering nearly 180 attendees. Following the event, 83% of attendees reported feeling more comfortable in successfully executing their job
- From 2021 to 2022, AdvAg **increased female representation in senior management from 28% to 41%**
- AdvAg also **focused significantly on community service**, packing 15,000 meals for the Million Meal Movement to fight hunger, delivering 224 pounds of food to Second Helpings, and engaging donations and resources for local farming and youth agencies

2023 GOALS

- The materiality assessment AdvAg conducted in 2021 showed the most critical areas of ESG impact for the company are growers’ operational footprints, grower relationships, farm productivity, climate resilience, and water quality.
- In this context, in 2023 the company plans to continue to advance its Data Analysis Project to enhance its data-driven recommendations and quantify its sustainability contributions.
- The company also aims to continue to enhance its DE&I program, maintaining or improving the diversity of its workforce and evaluating compensation equity.
- AdvAg’s community commitment also remains, with a goal of 1,200 hours of community service (~8 hours/employee).

Looking Forward

As the company’s scale of operations grows, so does its environmental impact. AdvAg aims to be the leading agronomic services provider in the U.S., ever refining its approach with each year’s data, enabling innovation and gaining additional intellectual property that enhances Nutrient Use Efficiency and increases crop yield for more acres.



ADVAG’S FOOTPRINT REACHED 1.1 MILLION ACRES IN 2022. MORE ACRES MEAN MORE DATA BEHIND ITS NUTRITION USE EFFICIENCY TECHNIQUES – AND GREATER POSITIVE IMPACT.



Key ESG and DE&I Highlights

As the company grows, Hendrix Genetics is laser-focused on the people that drive its business, as well as achieving operational efficiencies and proving out the sustainable value creation of its technologies.



Business Snapshot

Hendrix Genetics is a leading multi-species breeding, genetics, and technology company, with primary activities in turkeys, laying hens, traditional poultry, swine, salmon, trout, and shrimp. Backed by a strong portfolio of leading brands, Hendrix Genetics aims to support the global food challenge with innovative genetic solutions that set the standard for sustainable animal breeding.

Sustainable animal breeding is needed to feed the growing world population, simultaneously ensuring food safety, animal welfare, and reduced environmental impact. Hendrix Genetics has a best-in-class breeding program and R&D platform that aim to maximize efficiency and productivity outcomes through improved genetics. The positive results in livability, reduced inputs, and overall animal productivity benefit farmers, consumers, and the planet.

Impact and SDG Contributions

Hendrix Genetics’s products improve the ability of animals to convert feed inputs into meat production (Feed Conversion Rate, or FCR). Through these genetic gains leading to enhanced FCR, the company has conducted analyses that identify a potential 5–10% reduction in environmental impacts over 10 years. Hendrix Genetics also has improved the overall production of its animals with the goal of limiting GHG outputs. For example, the company’s genetics program has resulted in turkeys that are now slaughtered at 4–5 kgs higher than they were ten years ago, a significant production enhancement.



2.4
ZERO HUNGER:
PRODUCTION AND
PRODUCTIVITY



HENDRIX GENETICS'S PRIORITIES

BREEDING SUSTAINABILITY

Contribute to the reduction of environmental impact in the animal breeding supply chain, adding efficiency and value

Across all of its business units, Hendrix Genetics is Code EFABAR certified, which was created by the European Forum of Farm Animal Breeders to encourage best farming practices

ANIMAL WELFARE

Ensure the wellbeing and humane treatment of animals under our care through comprehensive welfare programs

Hendrix Genetics maintains a robust Animal Welfare Policy which covers feeding, handling, and veterinary care of the animals at each age and stage of production. The Policy also dictates operating procedures for breeding, gestation, and handling that treat animals with respect and dignity, strictly prevent mistreatment, and minimize any chronic adverse conditions

BIOSECURITY

Assure that all breeding stock is of the highest health status through rigorous testing and security measures

FOOD SAFETY

Ensure antibiotics are being used in a safe, effective, and judicious manner

2022 SUSTAINABILITY HIGHLIGHTS

- Hendrix Genetics added **solar energy production onsite** at its facilities in the Netherlands, France, Spain, and Poland
- The company responded to supply chain issues driven by COVID-19 and avian influenza with the **diversification of its supply chain and increase in localized animal multiplication** where possible
- Hendrix Genetics published its **second biennial Corporate Social Responsibility report** in 2022, continuing its commitment to transparency and progress

2022 DE&I HIGHLIGHTS

- The company continued its **anonymous employee engagement survey**, with a 73% positive response rate (above general industry standards), in addition to hosting **young professional events** to create a safe environment for feedback
- The company also created a two-year management program called **Hendrix Genetics Future Bright**, providing personal growth and upgraded management skills to individuals throughout its business units
- In 2022, Hendrix Genetics introduced TalentSoft to **standardize its employee appraisal system**
- Hendrix Genetics raised nearly \$60,000 in 2022 to donate to philanthropy partners, marking **over \$500,000 of philanthropic support since 2016**
- Part of Hendrix Genetics’s engagement was a **significant contribution to SAPPISA** (Sustainable Access to Poultry Parental Stock to Africa), giving rural farmers in Africa access to improved chicken genetics and advanced profits. Hendrix Genetics is leading this project, helping smallholder farmers access improved breeds, such as dual breed chickens that can be raised for meat and for eggs, and helping to meet global demands for food

2023 GOALS

In 2023, Hendrix intends to develop and implement its ESG strategy, including hiring ESG and Health and Safety Representative team members to engage internally and externally. Through additional new hires, Hendrix aims to increase diversity in its Executive Committee and Management Committee, bringing new perspectives to the company.

Looking Forward

2022 was Hendrix Genetics’s first year collecting ESG data. With this baseline support, the company and its Board aim to create further mitigation strategies to enhance its sustainability profile.



HENDRIX GENETICS'S FOOTPRINT

18 YEAR HISTORY	2,434 EMPLOYEES	25+ COUNTRIES OF OPERATION	52 BREEDING FARMS	28M ANIMALS IN ITS BREEDING DATABASE	36 HATCHERIES	274 MULTIPLICATION FARMS
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With a product offering increasingly focused on sustainability, Kynetec is keen to formalize its internal infrastructure around environmentalism and the human capital needed to grow its business.



Business Snapshot

Kynetec is the global leader in agricultural and animal health data and analytics that enable clients to create technologies supporting more efficient and sustainable food production. Kynetec collects data in more than eighty countries across major agricultural economies, supporting customers' execution of sustainability behaviors, including regenerative agriculture, ESG reporting and benchmarking, checking product safety, identifying sustainable grains and procurement, pursuing carbon credits, and creating eco-scores for food, feed, fuel, and fiber raw materials. The company's flagship data offering is FarmTrak™, which provides in-depth insights on country-level farmer behaviors worldwide. Kynetec has extended data collection through FarmTrak to pursue new usecases in ESG/Scope 3 reporting, sustainable food sourcing, and finance.



Impact and SDG Contributions

Backed by a team and network of approximately 1,000 professionals, Kynetec connects with hundreds of thousands of farmers and veterinarians to provide a deep understanding of the markets they serve. This comprehensive network supports Kynetec's environmental impact models, promoting agricultural sustainability by providing the data required for more rigorous client decision-making across the global supply chain.



2.4
ZERO HUNGER:
PRODUCTION AND
PRODUCTIVITY

FARMTRAK SUSTAINABILITY USE CASES

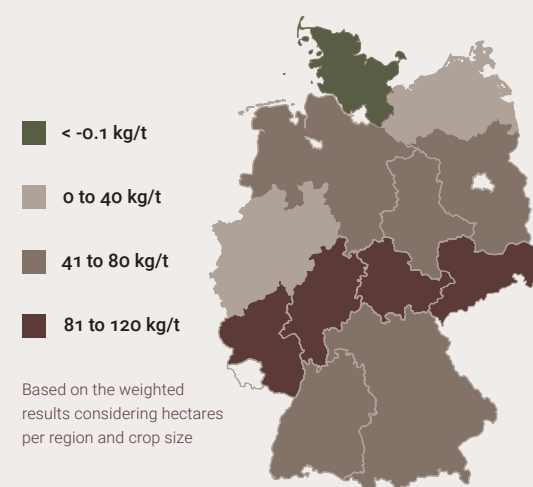
- **Scope 3 / Emissions Reporting** – identification of the environmental impact of a commodity locally or across a country
- **Targeting / Sourcing** – identification and targeting of sourcing regions where commodities are grown more sustainably
- **Monitoring / Impact** – combination of satellite imagery and large-scale surveys allow for field-level influencing, tracking, and impact determination

FARMTRAK SUSTAINABILITY DATA COVERAGE (2023)



SAMPLE FARMTRAK SCOPE 3 / EMISSIONS REPORTING OUTPUT

GHG EMISSIONS PER TONNE OF SUGAR BEET PRODUCED IN GERMANY (2021)



powered by Cool Farm CFT V.1.11

2022 SUSTAINABILITY HIGHLIGHTS

- Kynetec completed an **energy audit report** in December 2022
- Kynetec **completed all the high-priority areas identified in its 2021 Ecovadis assessment**, including reporting on material environmental issues, documentation regarding sustainable procurement policies, and supplier codes of conduct. Kynetec continues to be proactive with responding to ESG-related customer inquiries
- In addition to **adopting an ESG Policy**, the company **established an ESG Committee** to set priorities and goals that reflect Kynetec's commitment across a **6-point plan**, including environmental stewardship, data-driven solutions for a more sustainable food system, information security, sustainable working initiatives, employee wellbeing, and diversity & inclusion in the workplace

2022 DE&I HIGHLIGHTS

- Kynetec's ESG Committee remained focused on the organization's employees throughout 2022, overseeing **pulse surveys to facilitate data-driven engagement**
- A result of these surveys was **providing employees access to Udemy and Chatterbox**, online learning platforms offering courses in language, technology, data science, marketing, and more
- Through these DE&I-focused initiatives, Kynetec laid the foundation for taking the **Market Research Society Inclusion Pledge**. The Pledge asks CEOs to make five commitments towards creating safer and more representative workplaces including publishing pay statistics annually, working towards government targets for women and ethnic minorities at the board level, and improving recruitment practices

2023 GOALS

Kynetec plans to continue scaling its data collection and developing sustainability-driven use cases. On the DE&I side, Kynetec aims to show continuous improvements in its employee pulse surveying, with a target to increase its Employee Net Promoter Score (eNPS) by +15. The eNPS measures employees' readiness to recommend the company to others.



Looking Forward

The more data that Kynetec collects, the more positive influence the company can have on driving sustainable practices throughout the food chain. The company will continue to set long-term environmental and DE&I goals, overseen by its ESG Committee, leveraging the power of its data and its people.





Key ESG and DE&I Highlights

As a people-powered business, culture and employee satisfaction are critical to Registrar's business. Therefore, the focus of Registrar's 2022 ESG considerations was around DE&I advancements.



Business Snapshot

Founded in 2003, Registrar Corp provides tech-enabled services, online training, and a variety of software solutions that aid businesses in maintaining compliance with U.S. Food and Drug Administration (FDA) regulations. Against a backdrop of increasingly complex regulations and heightened consumer requirements around food safety and transparency, Registrar's services help ensure the quality of the entire food supply chain.

Beyond FDA registration, the company's Compliance Monitor allows food and beverage manufacturers to easily identify supplier food quality or safety risks, creating a long-term value proposition tied to the informed sourcing of lower risk food including suppliers' environmental profiles. In addition, the company's Food Safety Services provide a suite of programming that helps companies develop basic structure around allergen management, food density, food safety verifications, and other quality and safety controls.



Impact and SDG Contributions

Three of Registrar's business lines (FDA Registration, F&B Compliance & Training, and Food Safety services and solutions) help ensure the safety and quality of the entire food supply chain. To date, the company has provided services to over 25,000 clients in food facility registration, food canning establishment registration, food safety, and food and beverage label review. Registrar's software also has a natural ability to layer in components of sustainability, adding embodied carbon evaluations to customers' supplier selections. These solutions have the potential to protect public health and help global manufacturers continue to deliver a supply of secure, sustainable food and beverage products.



2.2

**ZERO HUNGER:
INCREASED
QUALITY OF FOOD**

2022 DE&I HIGHLIGHTS

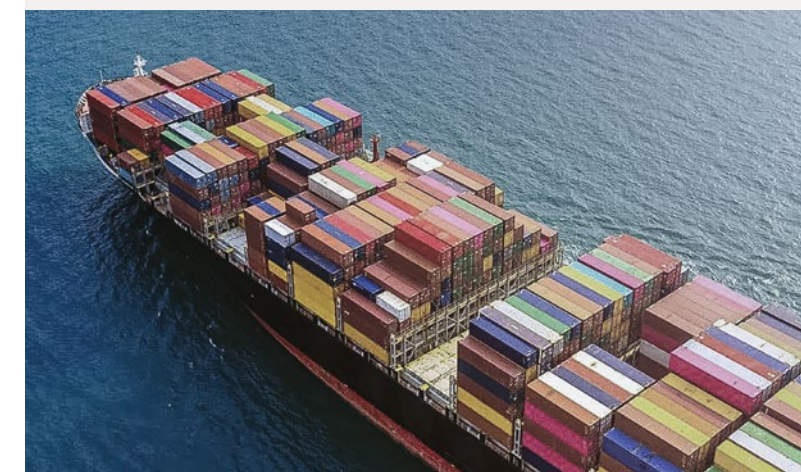
- Registrar hosted **2 Regional Summits** for employees around the world with intensive training sessions, in addition to boosting onboarding training for new employees
- The company also launched a **new employee engagement platform** with the goal of connecting employees for professional development
- To oversee these initiatives, the company **hired a new HR director** with a primary focus on DE&I - and ESG-related goals

SUPPORTING FOOD COMMERCE IN SOUTHERN AFRICA

Registrar partners with the U.S. Agency for International Development (USAID) Southern Africa Trade and Investment Hub (USAID TradeHub), which focuses on increasing sustainable economic growth, global export competitiveness, and trade in targeted southern African countries. The Company supports the USAID's goals of increasing exports from southern African countries and providing trade facilitation that commercializes southern African agribusiness and consumer goods value chains to compete in regional and global markets. In 2022, USAID and the USAID TradeHub facilitated \$173 million in agricultural and non-agricultural exports to South Africa and the United States, while creating nearly 1,500 jobs in the region.

2023 GOALS

Registrar is committed to creating and maintaining a workplace in which all employees have an opportunity to participate and contribute to the success of the business and are valued for their skills, experience, and unique perspectives. In 2023, the HR team's top priorities will be implementing a DE&I Policy and driving team engagement through the implementation of an improved learning platform for personal development. Registrar also plans to conduct an employee engagement survey to develop action plans for 2024.



REGISTRAR'S GLOBAL FOOD SAFETY IMPACT

Registrar Offers
FDA Compliance
Assistance for the
Following Industries:



FOOD & BEVERAGE



MEDICAL DEVICES



DRUGS



COSMETICS



SUPPLEMENTS



OTHER

Registrar has **19** worldwide offices and has aided more than **30,000** companies

Employees include former **U.S. FDA** officials, scientists, and industry experts

Registrar's developing **Compliance Monitor** is currently being sold to **1,000** of the **~50,000** food importers in the U.S. – an enormous addressable market

The company's proprietary risk scoring method, **Regiscore**, has evaluated over **315,000** suppliers globally. Of these, nearly **13,000** across **154** different countries were identified as high risk

Looking Forward

The opportunity for Registrar to impact the sustainability and safety of the global supply chain continues to expand. Registrar's focus is on enhancing its software solutions to provide more valuable sourcing in the food and beverage industry, as well as other industries where transparency and quality are critical to human health and public safety.





Key ESG and DE&I Highlights

SNFL recognizes how environmental advancements and employee engagement underpin the ongoing success of its organization.



Business Snapshot

For over 20 years, Special New Fruit Licensing (“SNFL”) has been breeding and developing new table grape varieties and licensing its production around the world. Its innovation center is state of the art, with a multi-disciplinary team made up of high-caliber geneticists, molecular biologists, agronomists, and technologists. The company’s disease-resistant varieties reduce the use of fungicides, mitigate food waste, and promote planetary and public health.



Impact and SDG Contributions

SNFL’s table grape varieties contribute to agriculture and resource productivity by creating stronger yields (70% more than non-patented table grapes) with lower pesticide, water, and land usage. These varieties minimize land stress and food waste while still contributing to global needs for advancing food supply and higher nutritional content. The Grape Genesis® breeding program, for example, aims to continue research to obtain seedless table grape varieties that have a higher nutritional value than traditional table grapes varieties.



2.4
ZERO HUNGER:
PRODUCTION
AND PRODUCTIVITY

THE POWER OF PATENTED GRAPES



SNFL brings **39** patented table grape varieties to a network of **~1,200** growers in **18** countries



SNFL’s research team has produced around **300,000** hybrids which have been screened through the company’s DNA labs and test blocks



Of these, **50** advanced selections are now undergoing evaluation in trial sites around the world



2022 SUSTAINABILITY HIGHLIGHTS

- All plastic fruit punnets used to store grapes are **sourced from recycled plastic**
- New varieties require **less reliance on agrochemicals**, potentially reducing environmental impact
- A core focus of the Grape Genesis® breeding program is to **develop varieties that are climate neutral**, meaning they can be grown in different seasons and different geographies

2022 DE&I HIGHLIGHTS

- SNFL is in the process of formalizing an HR department which will include **establishing a DE&I strategy**



2023 GOALS

Through 2023, SNFL plans to update its Code of Conduct to include a Supplier Code of Conduct, driving DE&I and sustainability throughout its value chain. The company also looks forward to advancing its DE&I strategy and trainings with a formalized HR department as is currently in process.

Looking Forward

Innovation remains at the core of the SNFL business. As the company continues to advance nutritious, disease-resistant, longer-lasting table grape varieties, they also will advance their contribution to more sustainable food access around the world.





Key ESG and DE&I Highlights

In the fall of 2021, Sterilex established an ESG Committee to support its ongoing commitment to four material ESG pillars: (1) Product Innovation and Sustainability (2) Food Safety, Supply and Efficiency (3) Philanthropic Endeavors and (4) Diversity, Equity and Inclusion.



Business Snapshot

Sterilex innovates and develops solutions for microbial control in the food industry, both preventing and remediating foodborne contaminants through clean food production facilities, animal health environments and water lines. The company's line of proprietary, biofilm-control biocides, broad-spectrum disinfectants, and rapid biofilm diagnostic tools can be used in a variety of applications that eliminate pathogens in food processing facilities and provide an important biosecurity measure for live animal production.

With over one-fifth of its budget allocated to R&D, Sterilex's product pipeline is focused on initiatives designed to drive increased sustainability in the global food supply. This includes developing chemistries that enhance product shelf life and decrease food waste, resulting in water, energy, and labor savings.

IMPACT THROUGHOUT THE VALUE CHAIN



CONSUMER HEALTH & SAFETY

- The CDC estimates that every year 48 million (or 1 in 6) people get sick from a foodborne illness
- Sterilex's products drive safety and eliminate microorganisms associated with foodborne illness



ENVIRONMENT

- Whether through enhanced product shelf life or water and utility savings, the Sterilex product suite offers significant environmental benefits
- By example, the shelf life of one customer's raw chicken breast increased from 11 to 17 days



REGULATORY COMPLIANCE

- All materials used in Sterilex products are evaluated for toxicity and global regulatory status including to screen out Prop 65 ingredients and other banned chemicals of concern
- ProvaStride, a new quat-free product, is helping producers meet regulatory expectations to reduce quat levels in water streams to near zero

Impact and SDG Contributions

Sterilex's portfolio contributes to the mission of reducing food waste by making products that treat and control resistant pathogens and biofilm. Sterilex's clients are able to protect their food supply with innovative, award-winning microbial solutions that reduce illness and the potential of wasteful product while also protecting worker safety. Sterilex products further address spoilage organisms known to decrease shelf life, thereby reducing dangers for the consumer and environmental impacts in the global food chain.



2.1

ZERO HUNGER:
SAFE FOOD

In 2022, Sterilex received EPA approval for a sanitizing powder formulated for quat-sensitive, low-moisture environments. ProvaStride's formulation is quaternary ammonium-free and non-flammable for use in entryways, on floors, in floor mats / pans and around drains. ProvaStride offers the most comprehensive claim set of any quat-free powder product on the market—proven to kill organisms including *Listeria*, *Escherichia coli* (*E. coli*), *Salmonella*, *Cronobacter* and more. The product has a low application rate and helps producers significantly reduce water usage when replacing traditional factory doorway foaming units.



~10,000 GALS
OF AVERAGE WATER
SAVINGS PER YEAR

when customers switch
from door foaming units to
Sterilex powder sanitizer

2022 SUSTAINABILITY HIGHLIGHTS

- Sterilex **achieved all of its 2022 ESG goals** under the four pillars. This included focusing 100% of the new product pipeline on more sustainable quat-free chemistry and deploying the water savings calculator previously described
- The company made these **commitments public on their website**, established an **ESG Policy** to be reviewed annually, and added **ESG topics on monthly Board meeting agendas**
- Sterilex's **first Energy Usage Awareness Week** took place in May 2022 with a goal of driving environmental consciousness. The week included a work-from-home day to exemplify the point by reducing commuting emissions and energy/water usage in the office



Looking Forward

By proactively managing key ESG risks and opportunities, Sterilex will seek to continue its leadership in preventing disease, enhancing well-being, ensuring product integrity, and increasing productivity in the industries it serves.

2022 DE&I HIGHLIGHTS

- In 2022, the company penned a **formal DE&I statement** and switched from annual to quarterly employee engagement surveys. Each quarter has a new focus, including mental health and peer engagement
- Every other month, **Sterilex's CEO hosts an open meeting** for employees to discuss concerns in a safe space environment
- The company conducts **pay equity audits** at least once annually, as well as industry benchmarking for newly added positions. **Open positions also are posted with Historically Black Colleges and Universities (HBCUs)** to help drive team diversity
- The company provided **unconscious bias and general DE&I training** for all new hires at an individual and management level
- The company earned a **"Top Workplace" award from the Baltimore Sun**
- Sterilex continued its charitable focus in 2022, and the company's CHEER Committee surpassed its annual goal with **120 collective hours of philanthropy**
- These values were codified for all of Sterilex's partners through the **launch of a Supplier Code of Conduct** in 2022

2023 GOALS

Sterilex plans to continue its focus on both people and the planet through 2023 and beyond. Ongoing employee surveys aim to address employee satisfaction and mental health, and the company has a goal to get all employees at or above the 50th percentile for total comp based on a third-party equity benchmark. Sterilex also hopes to increase its ESG-related philanthropic activity to 150 hours and develop and implement a Sustainable Business Practice Manual. On the sustainability front, Sterilex aims to implement a strategy by Q3 2023 to achieve significant energy reductions in 2024.



Key ESG and DE&I Highlights

Suja continues to focus on sustainable operations and the health and safety of its workforce.



Business Snapshot

Suja Life ("Suja") is an organic, non-GMO, cold-pressed juice company based in Oceanside, California. The company is a multi-brand platform, comprised of Suja Organic and Vive Organic, with both brands positioned as market leaders in the cold-pressed juice (CPJ) and cold-pressed juice shots channels. Suja produces cold-pressed juices, wellness shots, and sparkling beverages. It is the largest independent producer of cold-pressed juice sold in the United States. Suja's products are certified organic, plant-based, and free of preservatives, fillers, and chemicals.

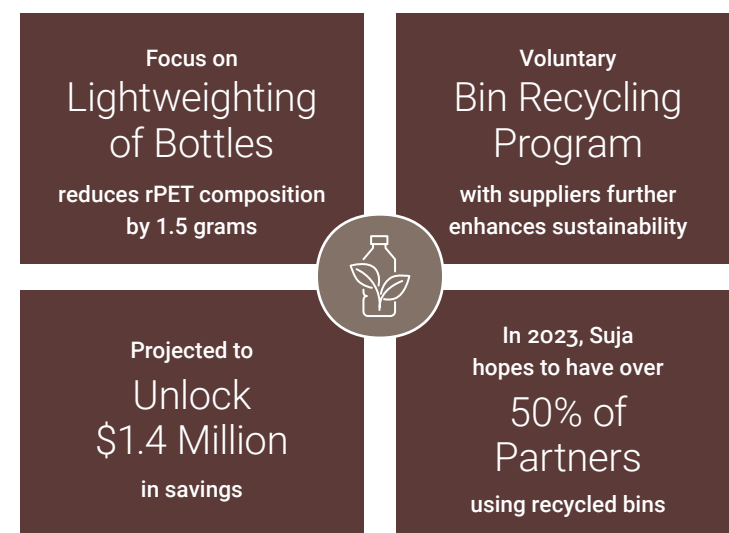


Impact and SDG Contributions

Suja is a brand focused on health and wellness, with non-GMO, USDA organic juices that contain pre- and probiotics to support gut health. In addition, its Organic Greens Powder contains over 40 functional ingredients supporting energy, immunity, and digestion. Suja also utilizes a non-thermal High-Pressure Processing (HPP) technique which enhances food safety without compromising nutritional value and quality. HPP inactivates foodborne pathogens and spoilage microorganisms to extend shelf life and reduce ultimate food waste. Through the combination of Suja's health-oriented products and its use of HPP technology, the company strives to contribute to a healthier, more sustainable food system.

Please refer to Endnotes for sources.

ENHANCING PACKAGING SUSTAINABILITY



2.2
ZERO HUNGER:
INCREASED QUALITY
OF FOOD

50% OF SUJA'S INGREDIENTS ARE SOURCED IN-STATE, INCLUDING:

- | | | |
|----------------|--------------------|---------|
| Carrots | Green Chard | Parsley |
| Celery | Green Leaf Lettuce | Romaine |
| Collard Greens | Kale | Spinach |



2022 SUSTAINABILITY HIGHLIGHTS

- In addition to its bottle lightweighting and partner bin recycling effort, Suja focused on **improving waste management** by reducing in-process raw produce waste, overfilling, and startup losses
- The company completed an RFP process to add the **first phase of solar renewable energy production** to its Building 1 facility in 2023

2022 DE&I HIGHLIGHTS

- Suja put in place a **Safety Committee** in 2022 which hosts regular tailgate meetings. This team oversees all environmental and occupational health and safety training, inspections, programs, implementations, and reporting. As a result, the company experienced a **22.7% reduction in its total recordable incident rate** in 2022
- Suja is also working on other employee-focused initiatives including revamping its onboarding program and instituting a robust bonus program for **talent retention**
- Three senior women** are on the executive team and **48% of senior management** are women

2023 GOALS

Going forward, Suja's focus remains on safety, with a goal to prevent and reduce incidents across all departments. The company is targeting a 10% reduction in Occupational Safety and Health Administration (OSHA) recordables and incident rate. Suja further plans to improve data collection on forklift incidents and implement forklift safety software. The company continues to source diverse candidates for a Board seat as needed and has made a commitment to 300 hours of community service. On the environmental side, Suja plans to lightweight its shot bottles and maintain a rate of 50+% partner usage of its recyclable bins. Lastly, Suja plans to install solar on all three of its campus buildings throughout the course of 2023.



Looking Forward

Suja hopes to expand its nutrition-aligned focus and food-safe process to other ancillary products including potentially enhancing child health. In early 2023, the company launched a new Kids cold-pressed juice drink, which provides organic and delicious, nutritious beverages to kids, and an organic greens powder, which provides a full serving of organic vegetables and over 15 essential vitamins and minerals at once.



FUND V Urban Farmer



Key ESG and DE&I Highlights

As a consumer foods company, Urban Farmer recognizes that its operations have an environmental footprint and social impact. Thus, the company is taking measures to make the product line more circular with improved recycling programs and innovative packaging, while enhancing its internal employee focus.

Business Snapshot

Urban Farmer aims to make better-for-you (BFY) foods an everyday choice with end-to-end production facilities that develop gluten-free pizzas, toppings, crusts, snacking bites (e.g. empanadas), and other specialty products. Its products are USDA Certified and designed in a Safe Quality Food (SQF) certified facility. With a focus on nutritional value and flavor, most products are vegetable-based, as well as paleo-friendly.



2022 BY THE NUMBERS

\$100M+
of Annual Sales Across
the United States

34.1M
Units Sold

93%
of Units Sold
are Gluten Free

~20,000
Stores Sell
Urban Famer Products

Zero artificial preservatives, colors, additives,
or high fructose corn syrup

Impact and SDG Contributions

70% of consumers worldwide are seeking healthier options for consumption, but only 30% feel they are getting the options and supply that they need. Additionally, research suggests that about 6% of the U.S. population is gluten intolerant and 1% of the global population has celiac disease, with gluten consumption causing an array of health challenges. Urban Farmer has scaled up the accessibility of gluten-free and plant-based options by utilizing the convenience and safety of frozen food.

Please refer to Endnotes for sources.



2.2
ZERO HUNGER:
INCREASED QUALITY
OF FOOD



Urban Farmer's core SKU, a cauliflower pizza, uses **15% less water** than a traditional pizza

2022 SUSTAINABILITY HIGHLIGHTS

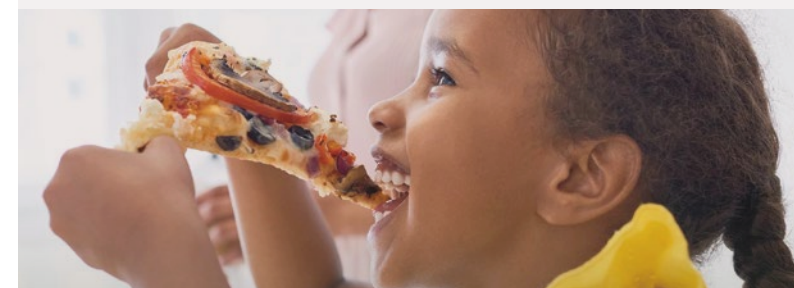
- Urban Farmer established an **ESG baseline strategy** in 2022 to drive ongoing ESG performance
- New recycling and package elimination programs** diverted 200,000 pounds of waste representing 74% landfill diversion
- This performance was tracked through a **new diversion measurement system** implemented in 2022, which suggests the diversion rate in 2021 should have been 60% — representing a 23% YOY improvement
- In addition, **90% of corrugate purchases are 100% recycled cardboard**
- Urban Farmer further conducted an **efficiency audit** in 2022, identifying two areas for enhancement which are being addressed in 2023: the installation of a new cheese shredder to reduce loss and installation of a new multi-head scale increasing speed and accuracy in packaging
- Urban Farmer also **invested in an ERP (enterprise resource planning) system** which addresses process, as well as yield with factual, real-time data

2022 DE&I HIGHLIGHTS

- Urban Farmer brought in a third-party consultant to talk about safety culture, resulting in a decrease of both workers' compensation claims, as well as a **8% YOY decrease in total recordable incidents**
- To enhance its employee engagement, the company created a **Calendar of Engagement** in 2022 including town halls and feedback loop opportunities
- Urban Farmer completed a **diversity survey of the entire workforce** to supplement DE&I and ESG goals for 2023
- The company's **Board is led by a woman as Chairperson**

2023 GOALS

- For 2023, Urban Farmer established ESG and DE&I goals not only for its executive leadership, but also for all salaried personnel with 30% of bonus compensation tied to these goals
- Urban Farmer aims to improve the gender/ethnic diversity of its production and management teams
- Urban Farmer hopes to further reduce its employee incidents rates after the recent implementation of a personal protective equipment program and plant-wide alchemy training
- The company aims to improve employee retention and reduce monthly turnover rates by 15%



Looking Forward

With over three-quarters of Americans believing in the health benefits of plant-based foods, the market opportunity for Urban Farmer continues to grow. The company looks forward to continuing to service the public with BFY food options, while decreasing its operational footprint and enhancing its commitment to its employees, customers, and communities.



MORE SUSTAINABLE PACKAGING

In 2022, Urban Farmer removed the cardboard circle insert from its pizza packaging. This removal represented a decrease in cost per piece and eliminated 10% of downtime due to associated labor. After testing and validation, the company further removed this insert from a big box retailer's packaging in 1Q23, which is expected to result in the avoidance of 1 million pounds of waste this year.





Key ESG and DE&I Highlights

In addition to developing more environmentally sound pest control products, AgBiTech believes it has a responsibility to the people, communities, and environments connected to its business operations.



Business Snapshot

AgBiTech (“ABT”) is a global leader in agriculture technology whose products harness natural insect pathogens to control major crop pests. The company’s crop protective products provide an effective alternative to less environmentally sound synthetic pest control methods which threaten human, animal, and plant health.

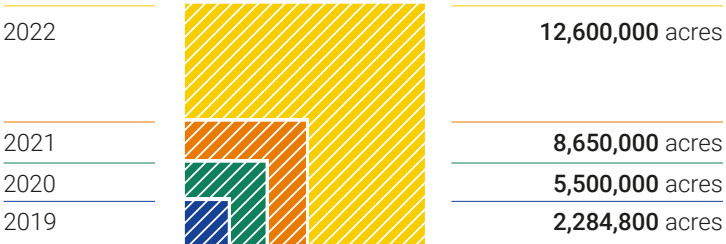
Utilizing a state-of-the-art facility and innovation-oriented strategy, ABT has developed a highly efficient method of harvesting pathogen particles from caterpillars. Combined with glycerol and water, these natural pathogens biologically control a range of caterpillar pests without soil and groundwater contamination and without degradation in subsequent agricultural applications.



Impact and SDG Contributions

The active ingredients in AgBiTech’s products degrade naturally in the environment over several days, as opposed to traditional chemical pesticides which can take weeks, months, or even years to degrade. AgBiTech’s products have no spray drift or run-off restrictions and can be used by Certified Organic growers. Due to the nature of its products, they do not have the same implications of contaminating groundwater that traditional chemicals do.

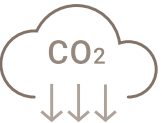
CROPLAND SAVED FROM CHEMICAL PESTICIDES DUE TO APPLICATION OF ABT’S PRODUCTS (2019–2022)



15.5
LIFE ON LAND:
REDUCE DEGRADATION
OF NATURAL HABITATS

GHG EMISSIONS

AgBiTech leverages plastic trays in the production and transportation of its raw materials. With 100% tray recycling achieved in 2022, ABT’s product now generates 51% less GHG emissions than traditional chemical products.



51% LESS GHG EMISSIONS
Compared to traditional chemical-based products

Please refer to Endnotes for sources.

2022 SUSTAINABILITY HIGHLIGHTS

- In 2022, **ESG-related KPIs were adopted as part of CEO compensation**, a reflection of senior commitment to ESG
- ABT targets **cost-effective energy consumption through energy broker partnerships**
- ABT **achieved its goal of 100% tray recycling**, bringing its GHG emissions from 35% less than traditional chemical-based products to 51%
- AgBiTech created a set of values that were communicated to employees around the world to **align the team on the vision of using bioinsecticides** to facilitate viable agricultural practice

2023 GOALS

ABT’s primary focus is on new / enhanced product development that can better serve its customers while creating an alternative to less environmentally sound synthetic pest control methods. However, the company remains actively aware of opportunities to build on its operational carbon footprinting, with tray and lid prototype concepts that could reduce plastic usage even further. The company also continues to be keenly focused on its employee base and has a goal to establish a structured DE&I agenda, including enhancing the presence of women in company leadership.

2022 DE&I HIGHLIGHTS

- Established a **Supplier Code of Conduct**, ensuring its own high-tech standards are reflected throughout the company’s value chain. The code has been put in place with four US and seven Brazilian vendors, with additional Australian relationships planned for mid-2023
- Continued **donations to support sustainable agriculture research**, now totaling **\$250,000** over the past 4 years
- Ongoing structural DE&I commitments to its employees with a **formal DE&I statement** and **tracking of pay equity**
- In **Brazil**, one of the company’s largest areas of commercial expansion, **ABT created a DE&I Committee** leading to a series of trainings, celebrations, open dialogue, and education
- The company conducted its **first pulse check** in order to determine the baseline and generate a definitive goal for female representation in 2023

Looking Forward

ABT is in the process of developing additional innovative products for pests that are present in specialty crops, facilitating an entrance into key European and Asian markets in the next five years. The company is also working on increasing the efficacy and resilience of its row crop (soybeans, cotton, and corn) product, which represents over 90% of the company’s application — driving the potential for even more positive outcomes.



THE COMPANY SEEKS TO PURSUE COMMERCIAL GROWTH ACROSS GREATER GEOGRAPHICAL SPAN, INCREASED APPLICATION AND INCREMENTAL CROP CATEGORIES, WHILE AT THE SAME TIME MANAGING ITS OPERATIONAL FOOTPRINT.



Key ESG and DE&I Highlights

The efficient, safe, and sustainable production of its products is critical to Axiota’s business. In 2022, the company continued to advance its ESG and DE&I performance to support ongoing growth.



Business Snapshot

Axiota Animal Health discovers, develops, and markets animal health products that support the well-being of cattle across all stages of dairy and beef production. Axiota prepares cattle to thrive during times of transition and stress through the use of injectable trace minerals and native rumen microbes produced by anaerobic fermentation. These solutions support healthy immune, reproductive, and rumen functions that are foundational in raising and caring for cattle.

Axiota has two leading commercial product platforms with Multimin® 90, an injectable trace mineral supplement for cattle, and Lactipro®, a patented strain of the anaerobe, *Megasphaera elsdenii* (Mega e®), a natural probiotic that supports digestive health and animal performance.

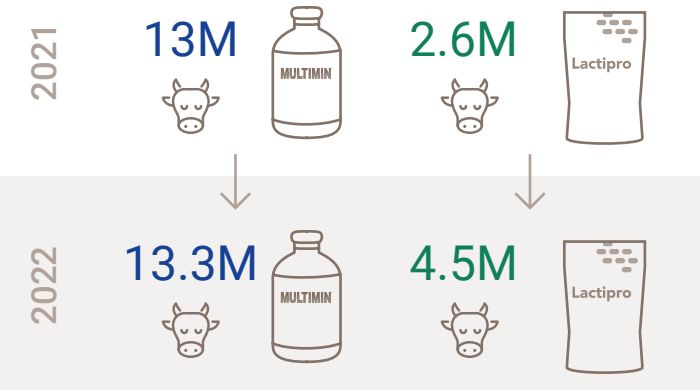


MULTIMIN AND LACTIPRO
UTILIZATION IMPACT

- ~75% of the methane associated with raising cattle for beef comes from the breeding and development (Cow-Calf) phase of production. Cows receiving Multimin 90 prior to breeding show better reproductive efficiency, resulting in more calves born per cow on average. This reduces the average methane emitted per head of beef cattle produced
- Feedlot cattle receiving Lactipro towards the end of the feeding period experience 36% fewer late-term deaths, reducing the average methane emitted per head of beef cattle produced
- Giving Lactipro to cattle on arrival at the feedlot as part of an accelerated feed adaptation program leads to a reduction of 1,977 gallons of water used per head of beef cattle produced, which is equivalent to 140 Olympic-sized swimming pools for a 20,000 head operation
- Use of Axiota’s products by the cattle farmer leads to a lifetime economic return of \$42/head net the product cost
- Use of Axiota’s products support healthier animals that experience less sickness and death loss, leading to better welfare and reduced use of antibiotics

Please refer to Endnotes for sources.

ADVANCING FOOTPRINT,
EXPANDING RESULTS



2022 DE&I HIGHLIGHTS

- Axiota completed a compensation equity study at the Wamego facility and implemented salary adjustments accordingly
- Axiota developed a new employee handbook, rolled out in early 2023, which covered both of its recently integrated businesses and added policies to better support ESG goals
- Infrastructure to support DE&I goals was put in place including town halls, an employee assistance program, recognition of service anniversaries, and a new bonus structure aligned with organizational objectives including ESG and DE&I

2022 SUSTAINABILITY HIGHLIGHTS

- Axiota developed a supply risk management assessment and began implementing mitigation strategies based on findings
- A climate risk assessment was completed to identify major climate risks for a high-level mitigation strategy
- Significant operational changes were achieved at Axiota’s state-of-the-art facility in Wamego, Kansas. The company installed a chiller, enhancing water handling and power efficiency
- Axiota changed its waste management vendor to improve recycling capabilities

2023 GOALS

- Axiota plans to continue to build on the momentum of its ESG and DE&I goals throughout 2023. Targets include driving further efficiencies at the Wamego plant, with several process development technology initiatives to improve the efficiency and sustainability of its production processes, as well as pursuing efficiencies within the supply chain for Multimin 90. Axiota also plans to complete a lifecycle analysis for Lactipro and Multimin to quantify the products’ sustainability impact
- Axiota set DE&I as one of five corporate objectives for 2023, with plans to implement policies, procedures, and training based on the new employee handbook and newly hired VP of HR. A Culture & Leadership session is planned for 2023, supported by plans for standardized annual employee surveys

Impact and SDG
Contributions

Axiota’s proprietary animal health products drive reductions in antibiotic application, optimized resource use, and improved cattle health leading to reduced mortality. These activities contribute to a more sustainable cattle production system and are critical to both the producers and consumers of animal protein. For producers, Axiota’s products support their environmental, economic, and animal welfare goals. For consumers, Axiota’s products support healthier cattle and enable greater access to a high-quality and affordable supply of sustainably produced beef and dairy products.



2.4
ZERO HUNGER:
PRODUCTION AND
PRODUCTIVITY

Looking Forward

In 2022, Axiota invested in an environmental analysis to assess Lactipro’s impact on sustainability in feedlots. As the results of this analysis are completed and codified, the environmental and economic impact of the company will be presented more directly — enhancing its value proposition for customers and the industry at large.

FUND IV

Lyons Magnus



Key ESG and DE&I Highlights

To help implement its four ESG strategies, Lyons built committees for each respective goal to help monitor, measure and report updates of the program. All employees received a notice of the new ESG strategies to fully integrate ESG into company strategy.



Business Snapshot

Lyons Magnus (“Lyons”) is a market leader in the design and commercialization of innovative beverage and ingredient solutions for international food service, healthcare, and food manufacturing clients. With products ranging from designer dessert sauces to plant-based protein shakes, Lyons elevates the taste buds while supporting sustainable practices.

Impact and SDG Contributions

The Lyons ReadyCare line, which reached 22,000 distinct health care operating facilities in 2022, is served primarily to residents and patients in long-term care settings (assisted living, skilled nursing, and rehabilitation). Quality nutritional products need to be specially designed for people in these facilities who have been diagnosed with issues such as swallowing difficulties or unintended weight loss. In addition, the Lyons Healthcare Team provides continuing education options approved by both the Association of Nutrition & Foodservice Professionals and the Commission on Dietetic Registration on topics including Senior Dining, IDDSI/Dysphagia, Clinical Nutrition, Foodservice, Safe Swallowing (Dysphagia), Nutrition & Unintended Weight Loss, Digestive Health, Hydration and more.



2.2
ZERO HUNGER:
INCREASED QUALITY
OF FOOD

LYONS’ ESG ROADMAP

In 2021, Lyons set an ambitious 4-part ESG roadmap, focused on driving accountability and performance around material ESG and DE&I considerations. Driven by the company’s ESG Vision Statement, this roadmap contains 1-, 3-, and 5-year milestones on the company’s path to more sustainable and socially responsible operations.

WASTE MANAGEMENT	WATER CONSERVATION	WORKPLACE HEALTH & SAFETY	DIVERSITY, EQUITY & INCLUSION
Increase landfill diversion rate by 40%	Decrease water intensity by 5%	Decrease the Total Recordable Incident Rate (TRIR) by ~30%	Increase activities that support DE&I
Achieved 50% increase representing over 3,000 tons diverted	Water use up 7% from baseline, due to variance in production volumes and stricter plant sanitation practices	TRIR down 21% from baseline with nine fewer incidents	Five sponsored initiatives beat the targeted four for 2022

2022 SUSTAINABILITY HIGHLIGHTS

- To address water usage and target future conservation, Lyons instituted a **pump seal water valve and water shutoff project**. In addition, the company created recirculation in the aseptic line that creates product sterilization
- Lyons Magnus West and Lyons Magnus East formalized a **steel drum diversion program**, recycling approximately 1,800 tons of empty drums in 2022
- Lyons East further **revamped its production line byproduct process** to increase the amount that translates to saleable product by ~1,000 tons in total
- Lyons Magnus West, East, and North all continued programs for **corrugate recycling**, totaling ~1,200 tons across the three facilities

2022 DE&I HIGHLIGHTS

- The company **achieved its goal of hosting at least four DE&I events**, holding five sessions in total on topics ranging from motivation and feedback to conscious inclusion
- Lyons **launched two Employee Resource Groups (ERGs)** in 2022 — the Women’s Growth Network and the Volunteer Group and highlighted company culture through a **2022 Pride of Lyons marketing document** including employee interviews
- As part of the company’s 5-year ESG plan, Lyons built out a **corporate workplace health and safety team**, implementing weekly safety updates and restructuring the employee onboarding process
- The company provided employees with **over \$200,000 in tuition reimbursement** in 2022, totaling \$750,000 since 2018

2023 GOALS

- In 2023, Lyons will continue to push forward on its 5-year ESG plan across the four pillars of water conservation, waste management, workplace health & safety, and DE&I. This will include achieving a 48.5% waste diversion rate and reducing water intensity by 1.5% from the FY2021 baseline
- The company plans to track pay equity in 2023, as well as implement six DE&I-related events



Looking Forward

Lyons continues to focus on driving safe, sustainable business practices while protecting and celebrating a diverse workforce.

FUND IV

Prima® Wawona

Business Snapshot

Prima® Wawona is a leading U.S. producer of quality organic and conventional peaches, plums, nectarines, and apricots based in California's Central Valley. The company fosters operational excellence across its value chain, from best-in-class labor practices to proprietary genetics and sustainable farming innovations, supplying consumers with a dependable and delicious stone fruit experience.



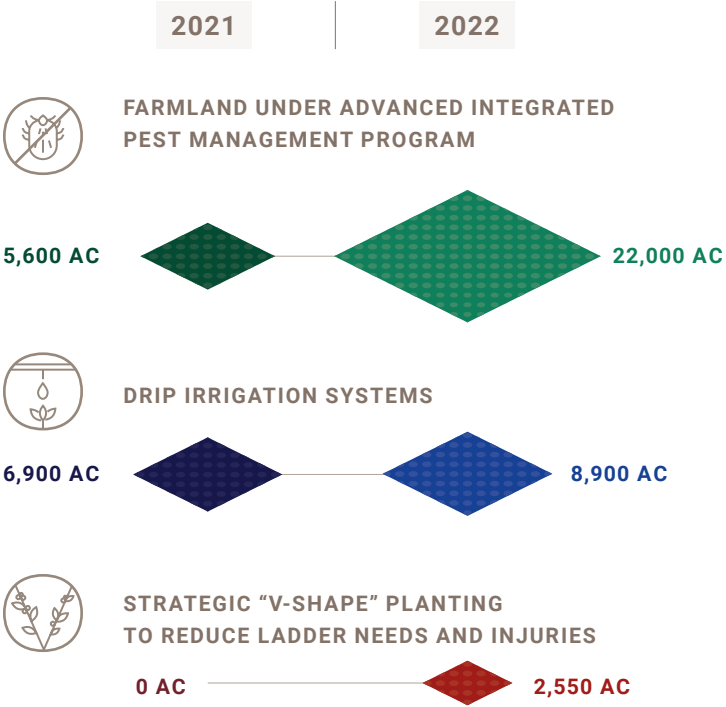
Impact and SDG Contributions

As a producer of organic, health-oriented stone fruit products, success for Prima® Wawona is fostered through industry-leading labor practices and continuously innovative farming techniques. The holistic approach Prima® Wawona takes to its business benefits employees, local communities, customers, consumers and the environment. Prima® Wawona is the largest producer of stone fruit in the U.S. with a yield of over 260 million pieces of fresh fruit in 2022.



2.1
ZERO HUNGER:
NUTRITIOUS FOOD

2022 PROGRESS OVER 2021



Key ESG and DE&I Highlights

To aid in implementing its four ESG strategies, Prima® Wawona formed an ESG Task Force, to help monitor, measure and report updates of the program. Stakeholders received a notice of the new ESG strategies to fully integrate ESG into company strategy.

2022 SUSTAINABILITY HIGHLIGHTS

- In 2022, Prima® Wawona promoted its long-time Compliance Auditor to a newly created **ESG & Compliance Specialist** role in order to build structure around the company's ESG programs, bringing stronger emphasis and focus. At the start of 2023, this person **assembled the ESG Task Force** referenced above
- Prima® Wawona completed **the Walmart Project Gigaton & THESIS reporting** in 2022, providing transparency on the consumer product lifecycle, including raw materials, sourcing, manufacturing, and transporting
- The company lowered its environmental footprint through a **redesign of its packing boxes** to lower the material content and through a **waste tracking system** with monthly reporting. In 2022, this resulted in **74% of waste being diverted** from landfill versus 60% in 2021
- 12% of Prima® Wawona's acres are certified organic** under the California Certified Organic Farmers (CCOF) agency with additional acres in transition to become certified
- Enhanced food safety good manufacturing practices (GMPs)** by enclosing receiving areas in two of its packing facilities to separate spaces for clean and dirty fruits

Looking Forward

Innovative efficiencies in Prima® Wawona's production of stone fruits provide not only tangible cost benefits for the company, but also a significantly lowered operational footprint. Combined with a business product that is health- and nutrition-oriented, Prima® Wawona is well-positioned to continue to make a positive impact on its customers, consumers, communities, and the environment.

2022 DE&I HIGHLIGHTS

- Prima® Wawona maintained its employee focus in 2022, initiating an **employee engagement survey** for salaried-classified employees with an 89% participation rate. The company also conducted outreach questionnaires for ranch and plant operations given the over 7,500 seasonal employees that work for the company
- In 2022, field operation **infrastructure was improved at six locations to accommodate a mixed-gender group**. The company's goal is to integrate women into six more of the crews in 2023
- Prima® Wawona continued to engage with the local community for health and wellness campaigns, with employee volunteerism and **nearly \$90,000 in charitable giving**
- Safety remained of utmost importance, and the company **successfully completed a SMETA 2-Pillar Labor and Health & Safety audit** at a customer request for the Kerman, Sanger and Cutler packing facilities. The company has a goal of completing the 4-Pillar audit in the future
- Jose Erevia, Director of Safety, Workers Compensation & Regulatory Compliance was named **Agricultural Employee of the Year** by the Fresno Chamber of Commerce

2023 GOALS

- Prima® Wawona is in the process of developing an advanced vendor scorecard, which will create weighted quarterly scoring of the company's suppliers. Metrics evaluated are expected to include Delivery, Quality, Responsiveness, and Cost, creating a standardized framework for efficiency and cost considerations while further aligning sustainability and business resilience with value creation
- In addition to energy efficient lighting installed at three facilities (projected to save 1.7 million kWh), Prima® Wawona is in the planning stages of installing solar panels in three locations, estimated to generate 3 million kWh of renewable energy annually
- Prima® Wawona targets acquiring recyclable LDPE pouch bags for 46% of fruit packing in the 2023 season



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3

Looking
Ahead

Ongoing Focus on Sustainability and Social Responsibility

While the reporting in this document presents a view of ESG and DE&I performance over the past year, Paine Schwartz understands that advancing ESG is not limited to a single snapshot in time.

We remain committed to evaluating and enhancing the effects our investment activities can make on the global food and agribusiness sector. By continuing to partner with our portfolio company management teams and continuing to collaborate with our Limited Partners around the world, we believe Paine Schwartz is in a differentiated position to be able to drive confluent investment, environmental, and social value.

We thank you for your partnership in our ongoing journey as we continue to work closely with portfolio management teams to identify and address material ways to support sustainability and health and wellness for their employees, end consumers, and communities.

Looking Ahead

- As outlined in this report, each portfolio company CEO has created ESG- and DE&I-related goals for 2023 which directly impact their executive compensation while contributing to the business case for each company
- Paine Schwartz looks forward to further augmenting the Portfolio Excellence Platform by adding a Head of Sustainability alongside our existing capabilities in talent management, operational performance, and technology
- We expect to continue reporting as a member of the ESG Data Convergence Initiative, expanding our industry engagement around important environmental and workforce factors
- We hope to continue expanding our commitment to DE&I and advancing our metrics of measurement for these factors by reviewing the unadjusted gender pay gap portfolio-wide
- Paine Schwartz looks forward to partnering with our LP Sustainability Council, finalizing the structure of the committee and its key areas of focus
- To encompass our focus on driving sustainability and social outcomes throughout the portfolio, Paine Schwartz anticipates updating its ESG Policy in 2023
- In 2023, the Paine Schwartz team looks forward to relocating to our new office in Soho, New York, in an office space built with sustainably sourced and recycled / upcycled materials. This move represents not only the next chapter of growth for our firm, but the embodiment of our commitment to operating with responsibility





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Appendix

Continued Leadership in Portfolio Reporting

In 2017, Paine Schwartz began reporting ESG- and DE&I-related portfolio performance because we understood the power of data to bolster stronger decision-making. As early proponents of data collection, we have been proud to remain leaders amongst our peers, driving more material and more comprehensive data collection over the past 5 years.

Today, as we look ahead to the next half decade of reporting, we continue to be committed to an integrated ESG strategy that supports value creation across our portfolio. Looking forward, we intend to continue furthering our ESG focus, aligning our thematic investment strategy with driving sustainability outcomes.

OUR VISION IS TO MODEL FOR THE INDUSTRY A TRULY FULL-CYCLE FOCUS:

- Enhanced **diligence and onboarding** where we baseline each company's level of ESG maturity, setting a path for ongoing advancement during our hold period
- More efficient and more effective **data collection processes** that underpin our ability to identify value opportunities while mitigating risk
- Quantifiable progress, increasingly focused on demonstrating impact and the symbiosis between **platform growth and ESG performance**
- Leveraging ESG throughout the investment life cycle to **create value and better position our companies for exit**

APPENDIX 1 Portfolio Environmental Metrics

As of December 31, 2022

Portfolio Company	Scope 1 (MT ¹ CO ₂ e)	Scope 2 Location Based (MT ¹ CO ₂ e)	Scope 3 Waste (MT ¹ CO ₂ e)	Total Energy Consumption (MWh)	% Renewable Energy	Total Waste Reported (MT ¹)	Diverted Waste Reported (MT ¹)	% Waste Diverted from Landfill	Total Water Usage (m ³)	% Recycled Water Usage
Advanced Agrilytics	813	119	30	3,504	0%	27	0	1%	7,228	0%
AgBiTech	1,261	638	51	6,741	0%	79	13	16%	2,086	0%
AgroFresh	187	406	18	4,190	0%	75	43	58%	20,679	0%
Axiota	364	508	36	2,646	0%	115	46	40%	473	0%
Hendrix Genetics	2,745,079	13,684	1,041	162,610	0.1%	9,013	8,001	89%	94,963,890	0%
HGS BioScience	Data available in 2023 given transaction occurred in September 2022									
Kynetec	31	1,517	29	2,603	0.1%	72	1	1%	5,419	0%
Lyons Magnus	23,276	16,383	39,659	177,318	0.4%	23,480	12,697	54%	1,576,260	0%
Monterey Mushrooms	82,961	59,582	1,393	587,765	0%	2,632	350	13%	1,274,168	2%
Prima Wawona	16,056	8,700	3,436	65,436	5%	1,722	838	49%	83,139,448	0%
Registrar	0	32	0	132	0%	0	0	0	0	0%
SNFL	114	25	43	546	0%	175	78	45%	5,595	0%
Sterilex	44	87	0	534	0%	0	0	0	0	0%
Suja	611	2,482	1,288	13,986	0%	5,238	4,508	86%	144,700	0%
Urban Farmer	2,430	2,691	587	16,885	0%	2,485	1,855	75%	25,671	0%

1 MT – Metric Tons

APPENDIX 2

Portfolio Social Metrics

As of December 31, 2022

Portfolio Company	Total Recordable Incident Rate (TRIR)	Total Recordable Work-Related Fatalities	Total FTEs	Women on the Board	Women in Management ¹	% of FTEs that Identify as Women	% of FTEs that Identify as Men	% of FTEs Gender Non-Binary	% of FTEs Gender Not Reported	% FTEs White	% FTEs Non-White	% FTEs Race/Ethnicity Not Reported	Financial Contributions (\$USD) to Community Organizations / Charities	Employee Engagement Survey?	Organic Net New Hires	Total Net New Hires	Annual Percent Attrition
Advanced Agrilytics	2.69	0	150	0.0%	41.2%	26.0%	74.0%	0.0%	0.0%	96.7%	3.3%	0.0%	\$7,860	Yes	37	37	26.0%
AgBiTech	1.76	0	170	14.3%	38.7%	44.7%	55.3%	0.0%	0.0%	21.2%	78.8%	0.0%	\$52,000	Yes	28	28	28.0%
AgroFresh	0.93	0	272	N/A	28.9%	61.0%	39.0%	0.0%	0.0%	13.6%	7.0%	79.4%	N/A	Yes	0	0	12.0%
Axiota	2.30	0	113	12.5%	34.8%	44.2%	55.8%	0.0%	0.0%	87.6%	12.4%	0.0%	N/A	Yes	5	5	27.0%
Hendrix Genetics ²	6.42	0	2,434	0.0%	7.1%	30.8%	69.1%	0.0%	0.1%	N/A	N/A	100.0%	\$53,479	Yes	-33	-377	15.5%
HGS BioScience	0.00	0	64	33.3%	21.1%	14.1%	85.9%	0.0%	0.0%	60.9%	39.1%	0.0%	N/A	Yes	— ³	— ³	—
Kynetec	0.00	0	574	14.3%	0.0%	59.6%	40.4%	0.0%	0.0%	18.6%	5.4%	76.0%	\$13,700	Yes	-79	6	21.3%
Lyons Magnus	3.70	0	969	20.0%	25.0%	28.0%	72.0%	0.0%	0.0%	33.3%	63.9%	2.8%	\$14,474	Yes	-131	-131	45.4%
Monterey Mushrooms	1.26	0	2,341	0.0%	20.0%	36.7%	63.3%	0.0%	0.0%	17.4%	82.5%	0.1%	N/A	No	— ³	— ³	35.1%
Prima Wawona	5.85	0	123	0.0%	14.3%	31.7%	62.6%	0.8%	5.2%	17.9%	75.6%	6.5%	\$88,480	Yes	-14	-14	15.0%
Registrar	0.00	0	193	14.3%	41.2%	72.5%	27.5%	0.0%	0.0%	35.8%	32.1%	32.1%	N/A	No, but planned	35	35	41.0%
SNFL ²	0.00	0	53	0.0%	28.6%	35.8%	64.2%	0.0%	0.0%	N/A	N/A	100.0%	N/A	No	-8	-8	0.0%
Sterilex	0.00	0	45	14.3%	28.6%	51.1%	48.9%	0.0%	0.0%	55.6%	15.6%	28.9%	\$6,600	Yes	3	3	40.6%
Suja	6.98	0	366	20.0%	48.4%	38.0%	62.0%	0.0%	0.0%	18.3%	81.7%	0.0%	N/A	Yes	-20	-25	86.0%
Urban Farmer	4.51	0	301	28.6%	44.0%	47.2%	52.8%	0.0%	0.0%	35.5%	64.5%	0.0%	N/A	Yes	-32	-32	78.0%

1 Senior Management.
2 Company headquartered in Europe and therefore only reports on race and ethnicity within its North American operations.
3 Company new to the portfolio in 2022; 2021 data not available for this calculation to be complete.

APPENDIX 3. ENVIRONMENTAL AND SOCIAL PERFORMANCE

Advanced Agrilytics

HISTORICAL ENVIRONMENTAL KPIS

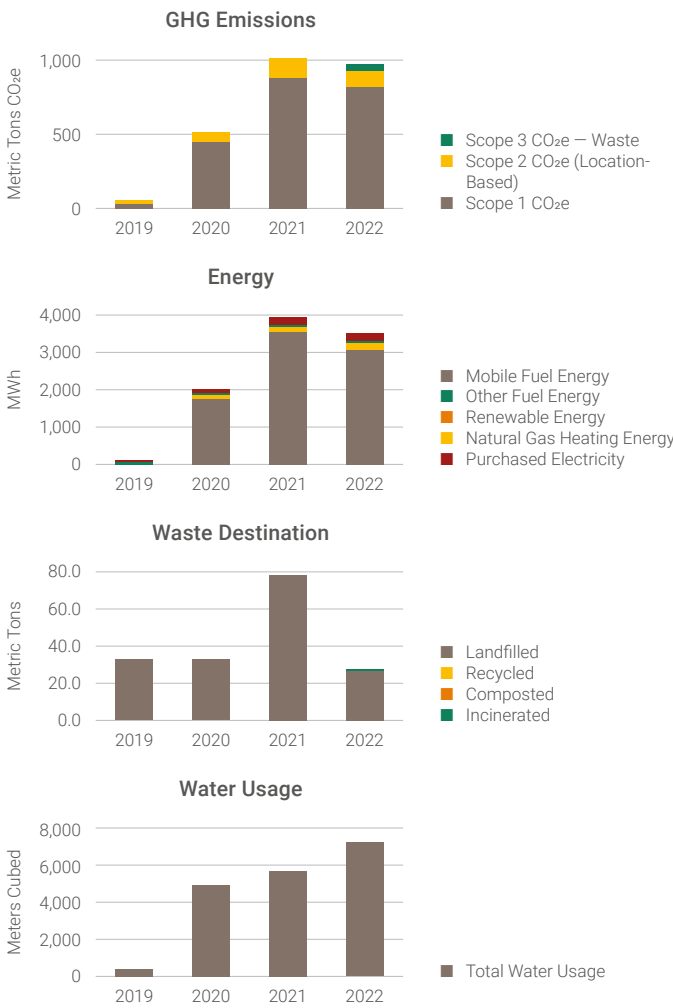
	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	0	0	0	0	0%
Scope 1 CO ₂ e	30	446	874	813	-7%
Scope 2 CO ₂ e (Location-Based)	33	66	140	119	-15%
Total Scope 1 and 2	63	512	1,014	932	-8%
Scope 3 – Waste CO ₂ e ¹	—	—	—	30	—
ENERGY (MWh)					
Mobile Fuel Energy	26	1,760	3,520	3,084	-12%
Natural Gas Heating Energy	0	114	144	150	4%
Other Fuel Energy	51	54	57	60	5%
Purchased Electricity	58	85	199	210	5%
Renewable Energy	0	0	0	0	0%
Total	135	2,013	3,920	3,504	-11%
WASTE (Metric Tons)					
Landfilled ²	33	33	79	27	-66%
Recycled	—	—	—	0.2	—
Composted	—	—	—	0	—
Incinerated	—	—	—	0.6	—
Total	33	33	79	27	-65%
Hazardous Total	—	—	—	0	—
Non-Hazardous Total	—	—	—	131	—
WATER (m³)					
Recycled Water Usage	0	0	0	0	0%
Total Water Usage ³	379	4,921	5,668	7,228	28%
% of Water from Recycled Sources	0%	0%	0%	0%	—

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	2.69
Total Recordable Work-Related Fatalities	0	0
Total FTEs	113	150
% Women on the Board	not tracked	0.0%
% Women in Management (Senior Management)	27.8%	41.2%
% of FTEs that Identify as Women	25.7%	26.0%
% of FTEs that Identify as Men	74.3%	74.0%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.

2 Waste generated in 2020 could not be calculated so it is an estimate based on the previous year. The increase between 2020 and 2021 is explained by more accurate collection of waste data.



	2021	2022
% FTEs White	96.5%	96.7%
% FTEs Non-White	3.5%	3.3%
% FTEs Race/Ethnicity Not Reported	0.0%	0.0%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	\$7,860
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	47	37
Total Net New Hires	47	37
Annual Percent Attrition	13.0%	26.0%

3 Total water usage began being tracked by a meter in 2020, leading to an increase and more accurate data.

APPENDIX 3. ENVIRONMENTAL AND SOCIAL PERFORMANCE

AgBiTech

HISTORICAL ENVIRONMENTAL KPIS

	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	0	0	0	0	0%
Scope 1 CO ₂ e	955	782	1,117	1,261	13%
Scope 2 CO ₂ e (Location-Based)	795	798	585	638	9%
Total Scope 1 and 2	1,750	1,580	1,702	1,899	12%
Scope 3 – Waste CO ₂ e ¹	—	—	—	51	—
ENERGY (MWh)					
Mobile Fuel Energy ²	3,921	3,203	4,563	4,723	4%
Natural Gas Heating Energy	266	327	414	384	-7%
Other Fuel Energy	6	6	16	17	3%
Purchased Electricity	1,454	1,632	1,272	1,618	27%
Renewable Energy	0	0	0	0	0%
Total	5,647	5,168	6,265	6,741	8%
WASTE (Metric Tons)					
Landfilled ³	97	129	84	66	-21%
Recycled	87	116	24	13	-48%
Composted	0	0	0	0	0%
Incinerated	0	0	0	0	0%
Total ⁴	184	245	108	79	-27%
Hazardous Total	—	—	—	0	—
Non-Hazardous Total	—	—	—	79	—
WATER (m³)					
Recycled Water Usage	0	0	0	0	0%
Total Water Usage ⁵	1,984	1,560	1,221	2,086	71%
% of Water from Recycled Sources	0%	0%	0%	0%	0%

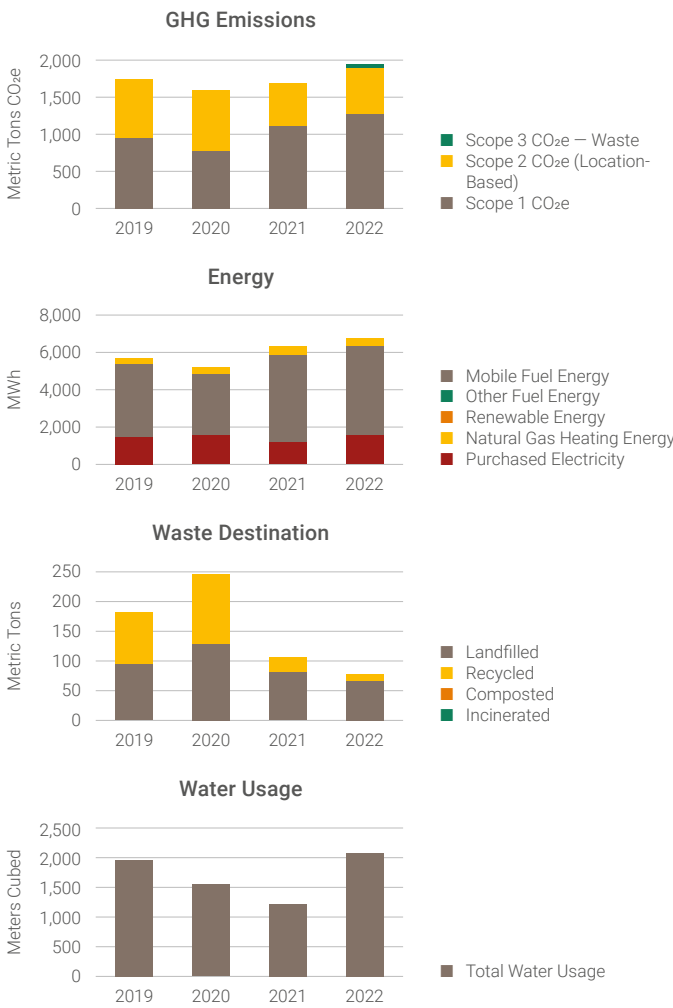
HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.10	1.76
Total Recordable Work-Related Fatalities	0	0
Total FTEs	142	170
% Women on the Board	not tracked	14.3%
% Women in Management (Senior Management)	33.3%	38.7%
% of FTEs that Identify as Women	35.9%	44.7%
% of FTEs that Identify as Men	64.1%	55.3%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.

2 Expansions in Brazil in 2021 contributed to the increase in travel and mobile combustion. Additionally, the reduction of Covid-19 limitations in 2022 led to year-over-year increase in AgBiTech's footprint due to increased travel.

3 The 2021 landfill data has been restated in this report to reflect the most accurate data available.



4 Overall waste production declined in 2021, primarily due to the production slowdown at the Fort Worth facility, the shutdown at the Fort Worth Facility and innovation with tray recycling and reuse.

5 Overall water usage declined in 2021, primarily due to the production slowdown at the Fort Worth facility.

AgroFresh

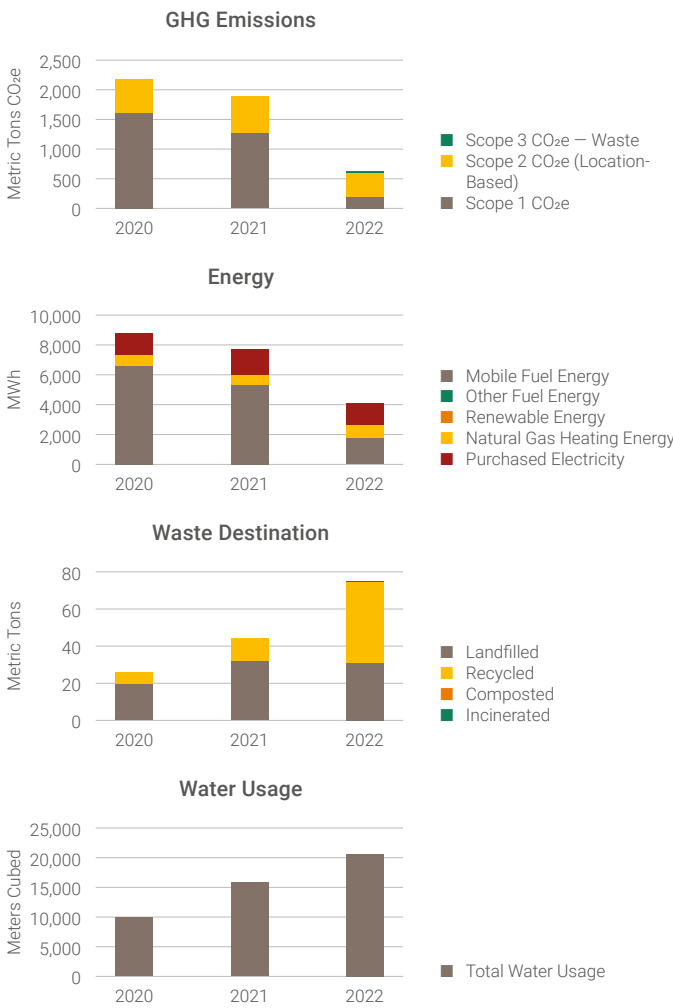
HISTORICAL ENVIRONMENTAL KPIs

	2020	2021	2022	YoY Change
GHG (Metric Tons)				
Biogenic CO ₂	0	0	0	0%
Scope 1 CO ₂ e	1,619	1,282	187	-85%
Scope 2 CO ₂ e (Location-Based)	559	620	406	-35%
Total Scope 1 and 2	2,178	1,902	593	-69%
Scope 3 – Waste CO ₂ e ¹	—	—	18	—
ENERGY (MWh)				
Mobile Fuel Energy ²	6,669	5,278	1,744	-67%
Natural Gas Heating Energy	663	693	961	39%
Other Fuel Energy	18	18	12	-33%
Purchased Electricity ³	1,381	1,745	1,473	-16%
Renewable Energy	0	0	0	0%
Total	8,731	7,734	4,190	-46%
WASTE (Metric Tons)				
Landfilled	20	32	31	-2%
Recycled	6	12	43	261%
Composted	0	0	0	0%
Incinerated	0	0	0.7	—
Total ⁴	26	44	75	71%
Hazardous Total	—	—	0	—
Non-Hazardous Total	—	—	75	—
WATER (m³)				
Recycled Water Usage	0	0	0	0%
Total Water Usage ⁵	9,931	15,777	20,679	31%
% of Water from Recycled Sources	0%	0%	0%	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.66	0.93
Total Recordable Work-Related Fatalities	0	0
Total FTEs	272	272
% Women on the Board	not tracked	N/A
% Women in Management (Senior Management)	24.4%	28.9%
% of FTEs that Identify as Women	36.8%	61.0%
% of FTEs that Identify as Men	72.1%	39.0%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.
2 AgroFresh's environmental footprint decreased year-over-over primarily due to a decrease in consumption of mobile fuels.
3 The 2021 purchased electricity data has been restated in this report to reflect the most accurate data available.



	2021	2022
% FTEs White	19.9%	13.6%
% FTEs Non-White	8.8%	7.0%
% FTEs Race/Ethnicity Not Reported	71.3%	79.4%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	N/A
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	7	0
Total Net New Hires	7	0
Annual Percent Attrition	13.0%	12.0%

4 Overall, the increase in waste production was due to additional data provided for some service centers, and the Lerida Lab waste data which was not provided in prior years.
5 The Valencia Plant set a record in production levels in 2021. The manufacturing at the plant is water-driven, resulting in a large increase of water consumption.

Axiota

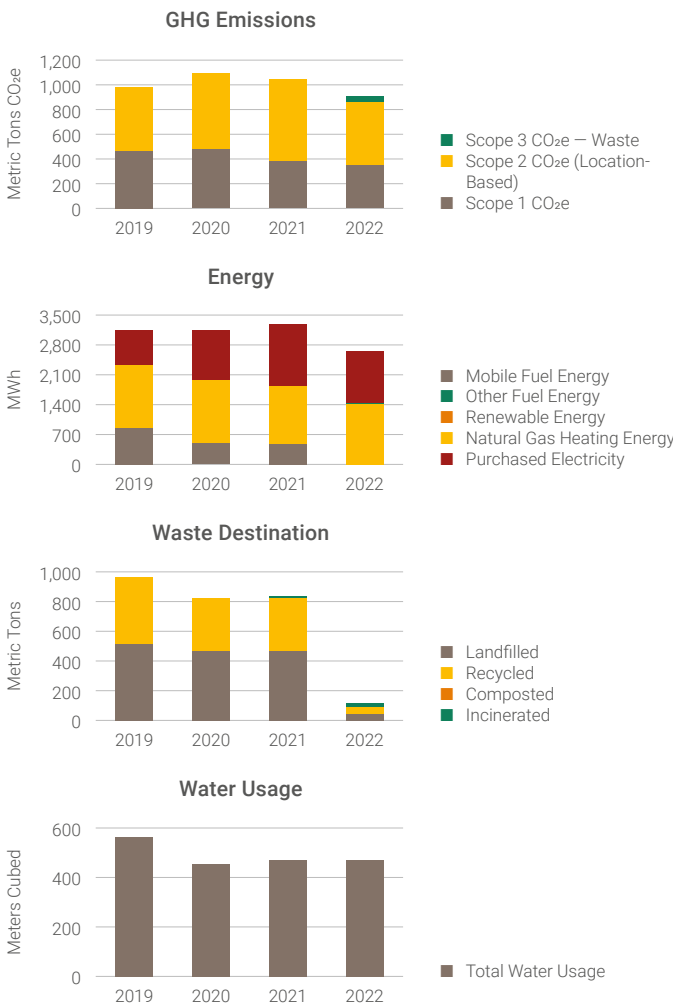
HISTORICAL ENVIRONMENTAL KPIs

	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	0	0	0	0	0%
Scope 1 CO ₂ e	479	490	391	364	-7%
Scope 2 CO ₂ e (Location-Based)	510	613	663	508	-23%
Total Scope 1 and 2	989	1,103	1,054	872	-21%
Scope 3 – Waste CO ₂ e ¹	—	—	—	36	—
ENERGY (MWh)					
Mobile Fuel Energy ²	858	513	481	2	NM
Natural Gas Heating Energy	1,491	1,460	1,366	1,408	3%
Other Fuel Energy	10	10	9	42	79%
Purchased Electricity	798	1,150	1,440	1,194	-21%
Renewable Energy	0	0	0	0	0%
Total ³	3,157	3,133	3,296	2,646	-25%
WASTE (Metric Tons)					
Landfilled	522	466	466	42	-999%
Recycled	439	356	356	46	-670%
Composted	0	0	0	0	0%
Incinerated	0	0	1	26	96%
Total ⁴	961	822	823	115	-616%
Hazardous Total	—	—	—	26	—
Non-Hazardous Total	—	—	—	89	—
WATER (m³)					
Recycled Water Usage	0	0	0	0	0%
Total Water Usage ⁵	563	452	468	473	1%
% of Water from Recycled Sources	0%	0%	0%	0%	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	2.30
Total Recordable Work-Related Fatalities	0	0
Total FTEs	108	99
% Women on the Board	not tracked	12.5%
% Women in Management (Senior Management)	36.4%	34.8%
% of FTEs that Identify as Women	46.3%	44.2%
% of FTEs that Identify as Men	53.7%	55.8%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.
2 Mobile Fuel Usage YoY change for 2022 is not meaningful (NM) given changes to leased operating fleet.
3 In 2022, Axiota reduced office space significantly, leading to a decrease in energy



	2021	2022
% FTEs White	91.7%	87.6%
% FTEs Non-White	8.3%	12.4%
% FTEs Race/Ethnicity Not Reported	0.0%	0.0%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	N/A
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	34	5
Total Net New Hires	34	5
Annual Percent Attrition	not tracked	27.0%

4 2021 waste production was not available for Multimin facilities. Axiota used 2020 data to make an estimation for 2021 waste.
5 2021 water usage was not available for Multimin facilities. Axiota used 2020 data to make an estimation for 2021 water usage.

Hendrix Genetics¹

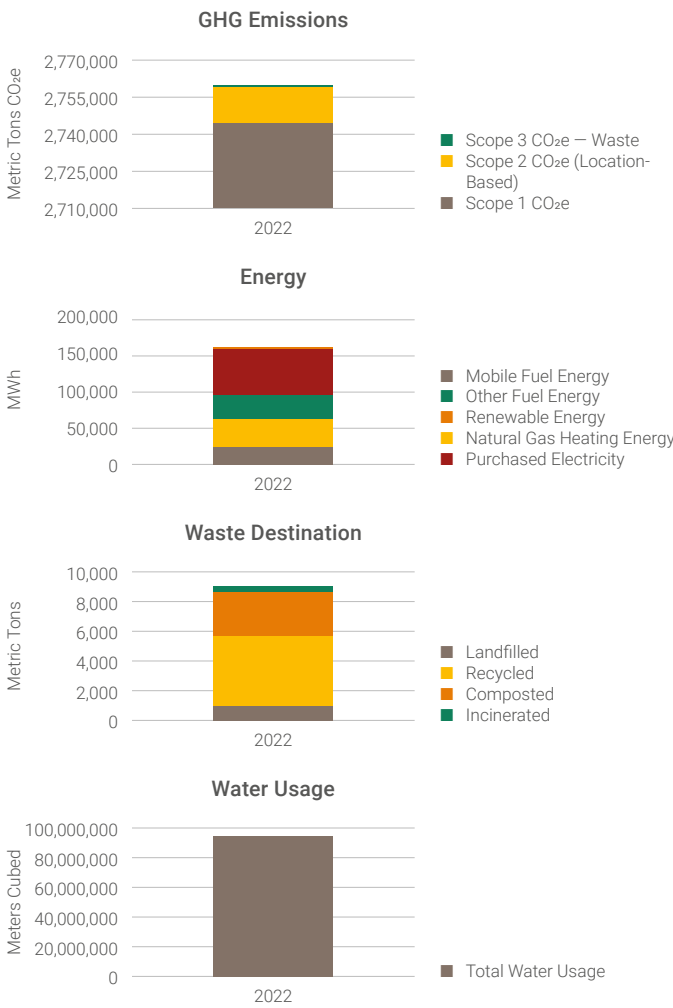
HISTORICAL ENVIRONMENTAL KPIS

	2022	% of total
GHG (Metric Tons)		
Biogenic CO ₂	0	0%
Scope 1 CO ₂ e	2,745,079	99.5%
Scope 2 CO ₂ e (Location-Based)	13,684	0.5%
Total Scope 1 and 2	2,758,763	100%
Scope 3 – Waste CO ₂ e	1,041	100%
ENERGY (MWh)		
Mobile Fuel Energy	26,690	16%
Natural Gas Heating Energy	36,341	22%
Other Fuel Energy	35,539	22%
Purchased Electricity	63,831	39%
Renewable Energy	209	0.1%
Total	162,622	100%
WASTE (Metric Tons)		
Landfilled	1,012	11%
Recycled	4,630	51%
Composted	3,026	34%
Incinerated	345	4%
Total	9,013	100%
Hazardous Total	1	0%
Non-Hazardous Total	9,012	100%
WATER (m³)		
Recycled Water Usage	0	0%
Total Water Usage	94,963,890	100%
% of Water from Recycled Sources	0%	0%

HISTORICAL SOCIAL DATA

	2022
Total Recordable Incident Rate (TRIR)	6.42
Total Recordable Work-Related Fatalities	0
Total FTEs	2,434
% Women on the Board	0.0%
% Women in Management (Senior Management)	7.1%
% of FTEs that Identify as Women	30.8%
% of FTEs that Identify as Men	69.1%
% of FTEs Gender Non-Binary	0.0%
% of FTEs Gender Not Disclosed	0.0%

1 Company headquartered in Europe and therefore does not collect data on race and ethnicity.



	2022
% FTEs White	not tracked
% FTEs Non-White	not tracked
% FTEs Race/Ethnicity Not Reported	100.0%
Financial Contributions (\$USD) to Community Organizations / Charities	\$53,479
Employee Engagement Survey?	Yes
Organic Net New Hires	-33
Total Net New Hires	-377
Annual Percent Attrition	15.5%

Kynetec

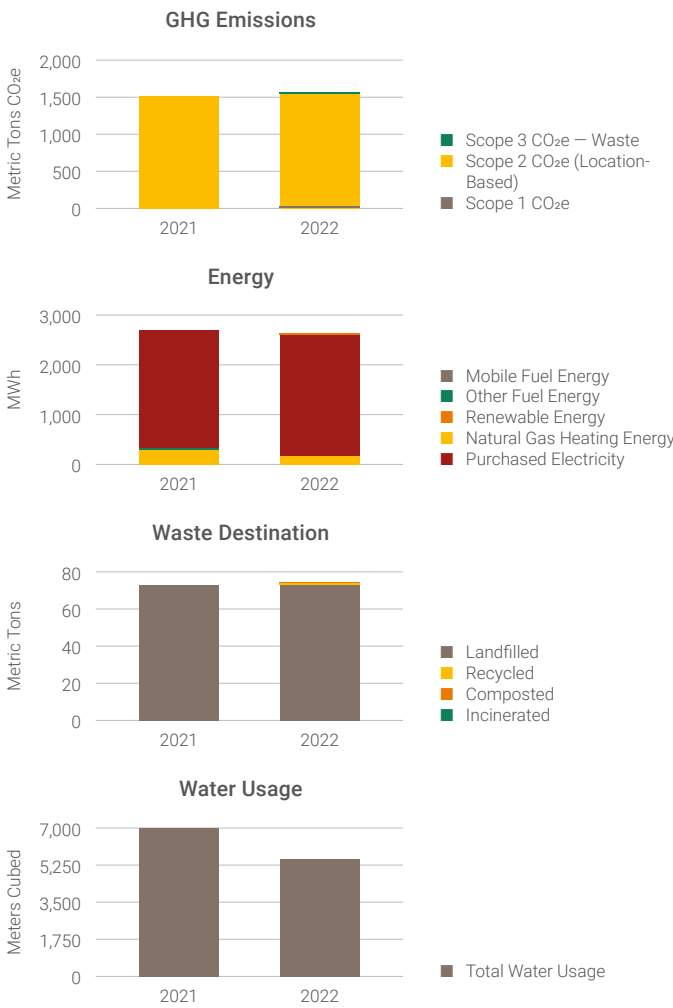
HISTORICAL ENVIRONMENTAL KPIS

	2021	2022	YoY Change
GHG (Metric Tons)			
Biogenic CO ₂	0	0	0%
Scope 1 CO ₂ e	54	31	-43%
Scope 2 CO ₂ e (Location-Based) ¹	1,457	1,517	4%
Total Scope 1 and 2 ²	1,511	1,548	2%
Scope 3 – Waste CO ₂ e ³	–	29	–
ENERGY (MWh)			
Mobile Fuel Energy	0	0	0%
Natural Gas Heating Energy	296	163	-45%
Other Fuel Energy	26	0	-100%
Purchased Electricity	2,388	2,439	2%
Renewable Energy	0	2	–
Total	2,710	2,603	-4%
WASTE (Metric Tons)			
Landfilled	73	71	-3%
Recycled	0	0.5	–
Composted	0	0.5	–
Incinerated	0	0	–
Total ⁴	73	72	-2%
Hazardous Total	–	0	–
Non-Hazardous Total	–	72	–
WATER (m³)			
Recycled Water Usage	0	0	0%
Total Water Usage	6,962	5,419	-22%
% of Water from Recycled Sources	0	0	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	0.00
Total Recordable Work-Related Fatalities	0	0
Total FTEs	563	569
% Women on the Board	not tracked	14.3%
% Women in Management (Senior Management)	53.3%	0.0%
% of FTEs that Identify as Women	64.7%	59.6%
% of FTEs that Identify as Men	35.3%	40.4%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Most energy is purchased, making Scope 2 the largest footprint.
2 The 2021 Scope 1 and Scope 2 data have been restated in this report to reflect the most accurate data available.



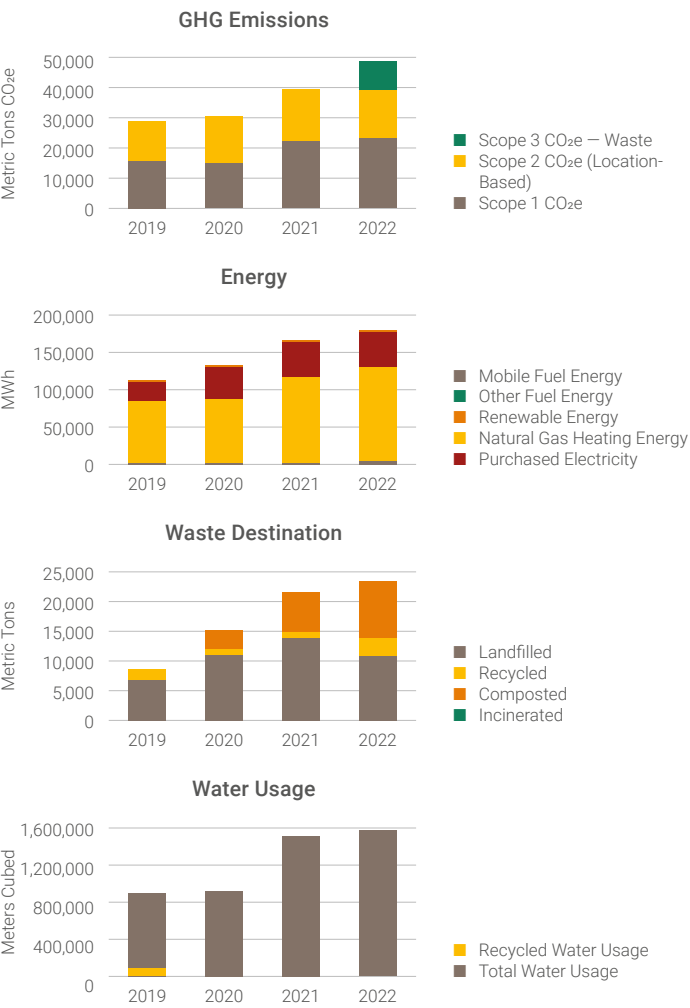
	2021	2022
% FTEs White	not tracked	18.6%
% FTEs Non-White	not tracked	5.4%
% FTEs Race/Ethnicity Not Reported	not tracked	76%
Financial Contributions (\$USD) to Community Organizations / Charities	\$10,000	\$13,700
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	not tracked	-79
Total Net New Hires	not tracked	6
Annual Percent Attrition	not tracked	21.3%

3 Paine Schwartz added Scope 3 emissions to the report in 2022.
4 Kynetec US was unable to get waste data this year so estimations were made based on last year's waste data.

Lyons Magnus

HISTORICAL ENVIRONMENTAL KPIS

	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	0	0	0	0	0%
Scope 1 CO ₂ e	15,613	15,319	22,329	23,276	4%
Scope 2 CO ₂ e (Location-Based)	12,973	15,479	17,217	16,383	-5%
Total Scope 1 and 2	28,586	30,798	39,546	39,659	0.3%
Scope 3 – Waste CO ₂ e ¹	—	—	—	8,901	—
ENERGY (MWh)					
Mobile Fuel Energy	3,871	3,809	3,597	4,980	39%
Natural Gas Heating Energy	81,539	85,679	113,011	125,404	11%
Other Fuel Energy	0	0	0	0	0%
Purchased Electricity	26,605	41,575	48,575	46,184	-5%
Renewable Energy	850	850	750	750	0%
Total	112,865	131,913	165,915	177,318	7%
WASTE (Metric Tons)					
Landfilled	6,800	11,050	13,788	10,783	-22%
Recycled ²	1,900	1,050	1,085	2,943	171%
Composted	0	3,000	6,675	9,754	46%
Incinerated	0	0	0	0	0%
Total ³	8,700	15,100	21,548	23,480	9%
Hazardous Total	—	—	—	0	—
Non-Hazardous Total	—	—	—	23,480	—
WATER (m³)					
Recycled Water Usage	77,000	0	0	0	0%
Total Water Usage ⁴	903,801	921,918	1,510,938	1,576,260	4%
% of Water from Recycled Sources	9%	0%	0%	0%	0%



HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	4.70	3.70
Total Recordable Work-Related Fatalities	0	0
Total FTEs	1,100	969
% Women on the Board	not tracked	20.0%
% Women in Management (Senior Management)	10.8%	25.0%
% of FTEs that Identify as Women	32.5%	28.0%
% of FTEs that Identify as Men	67.5%	72.0%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.
2 In 2022, recycling efforts have been improved for steel drums and corrugate waste, leading to an increase in recycled waste.

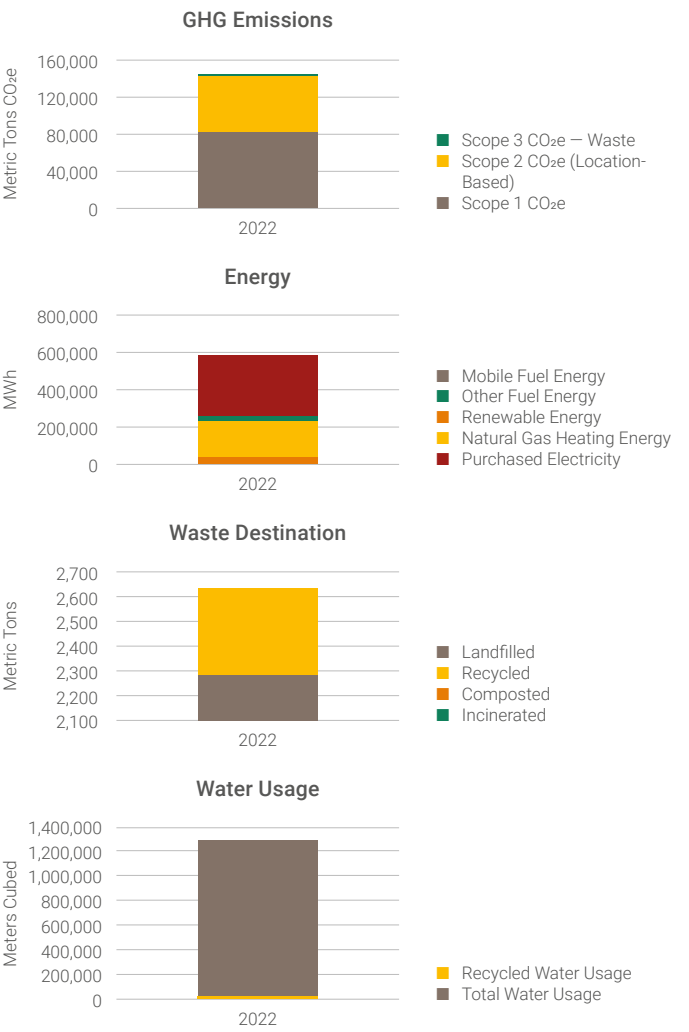
	2021	2022
% FTEs White	35.7%	33.3%
% FTEs Non-White	61.1%	63.9%
% FTEs Race/Ethnicity Not Reported	3.2%	2.8%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	\$14,474
Employee Engagement Survey?	No	Yes
Organic Net New Hires	55	-131
Total Net New Hires	72	-131
Annual Percent Attrition	40.0%	45.4%

3 In 2021, one facility had a 333% in sales compared to 2020 due to the scale-up of eight manufacturing lines. This scale-up drove the large increase in waste production. Waste data for 2020 and 2021 were updated to reflect the most up to date and accurate data.
4 In 2021, one facility had a 333% in sales compared to 2020 due to the scale-up of eight manufacturing lines. This scale-up drove the large increase in water usage.

Monterey Mushrooms

HISTORICAL ENVIRONMENTAL KPIS

	2022	% of total
GHG (Metric Tons)		
Biogenic CO ₂	0	0%
Scope 1 CO ₂ e	82,961	58%
Scope 2 CO ₂ e (Location-Based) ¹	59,582	42%
Total Scope 1 and 2	142,543	100%
Scope 3 – Waste CO ₂ e	1,393	100%
ENERGY (MWh)		
Mobile Fuel Energy	48,268	8%
Natural Gas Heating Energy	185,977	32%
Other Fuel Energy	23,541	4%
Purchased Electricity	329,979.0	56%
Renewable Energy	0	0%
Total	587,765	100%
WASTE (Metric Tons)		
Landfilled	2,282	99.9%
Recycled	350	0.1%
Composted	0	0%
Incinerated	0	0%
Total	2,632	100%
Hazardous Total	0	0%
Non-Hazardous Total	2,632	100%
WATER (m³)		
Recycled Water Usage	24,858	2%
Total Water Usage	1,274,168	100%
% of Water from Recycled Sources	2%	2%



HISTORICAL SOCIAL DATA

	2022
Total Recordable Incident Rate (TRIR)	1.26
Total Recordable Work-Related Fatalities	0
Total FTEs	2,341
% Women on the Board	0.0%
% Women in Management (Senior Management)	20.0%
% of FTEs that Identify as Women	36.7%
% of FTEs that Identify as Men	63.3%
% of FTEs Gender Non-Binary	0.0%
% of FTEs Gender Not Disclosed	0.0%

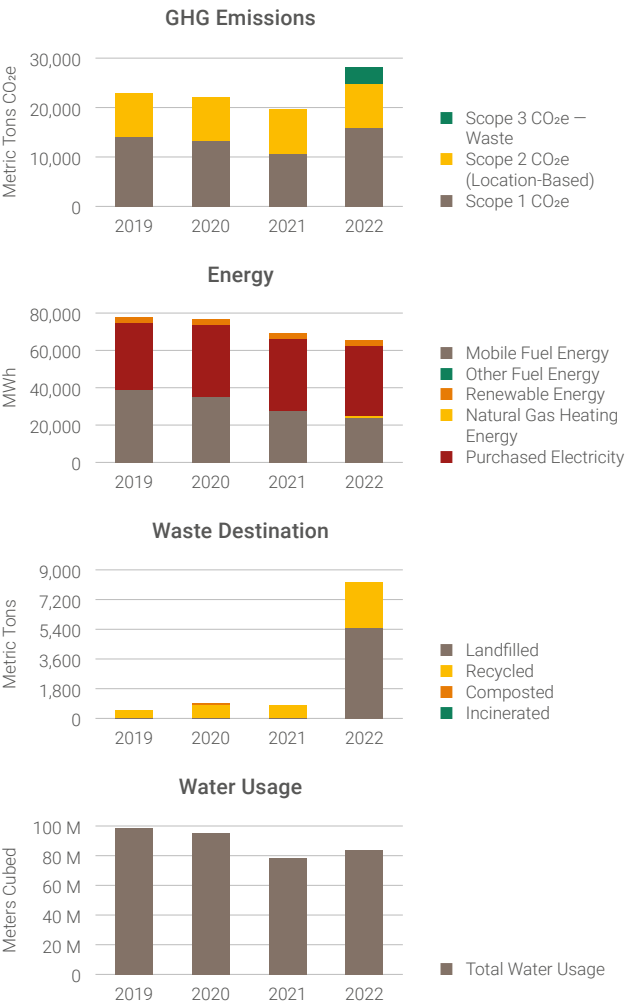
1 A/C units needed repairs in CY22, which may lead to changes in data in 2023.

	2022
% FTEs White	17.4%
% FTEs Non-White	82.5%
% FTEs Race/Ethnicity Not Reported	0.1%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A
Employee Engagement Survey?	No
Organic Net New Hires	not tracked
Total Net New Hires	not tracked
Annual Percent Attrition	35.1%

Prima Wawona

HISTORICAL ENVIRONMENTAL KPIS

	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	0	0	0	0	0%
Scope 1 CO ₂ e	14,380	13,257	10,623	16,056	51%
Scope 2 CO ₂ e (Location-Based)	8,485	8,692	9,073	8,700	-4%
Total Scope 1 and 2	22,865	21,949	19,696	24,757	20%
Scope 3 – Waste CO ₂ e ¹	–	–	–	3,436	–
ENERGY (MWh)					
Mobile Fuel Energy	39,101	35,547	27,281	24,093	-13%
Natural Gas Heating Energy	0	0	0	481	100%
Other Fuel Energy	0	0	0	516	100%
Purchased Electricity	35,301	38,436	38,805	37,213	-4%
Renewable Energy	3,505	3,113	2,670	3,132	15%
Total	77,907	77,096	68,756	65,436	-5%
WASTE (Metric Tons)					
Landfilled	51	46	40	1,722	98%
Recycled	496	846	800	838	5%
Composted	0	19	0	0	0%
Incinerated	0	0	0	0	0%
Total ²	547	911	840	2,560	67%
Hazardous Total ³	–	–	–	424	–
Non-Hazardous Total	–	–	–	2,136	–
WATER (m³)					
Recycled Water Usage	0	0	0	0	0%
Total Water Usage	98,449,697	94,475,958	78,429,597	83,139,448	6%
% of Water from Recycled Sources	0%	0%	0%	0%	0%



HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	1.30 (estimate)	5.85
Total Recordable Work-Related Fatalities	0	0
Total FTEs	130	116
% Women on the Board	not tracked	0.0%
% Women in Management (Senior Management)	14.3%	14.3%
% of FTEs that Identify as Women	not tracked	31.7%
% of FTEs that Identify as Men	not tracked	62.6%
% of FTEs Gender Non-Binary	not tracked	0.8%
% of FTEs Gender Not Disclosed	not tracked	5.2%

1 Paine Schwartz added Scope 3 emissions to the report in 2022.
2 In 2022, waste increased since the company established a robust waste tracking system. In prior years, waste was an estimation.

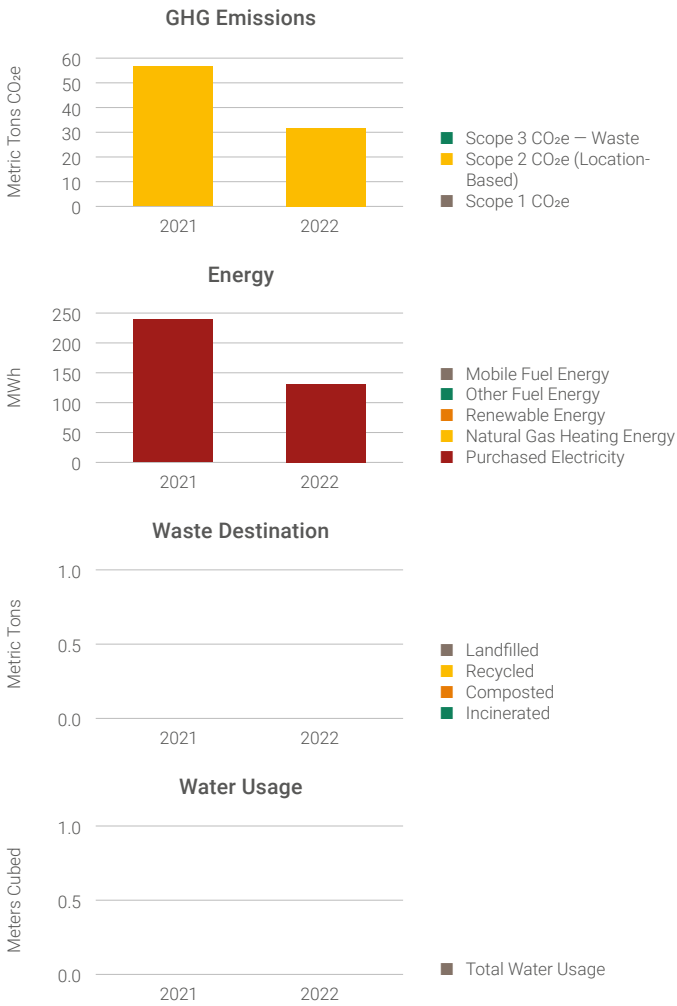
	2021	2022
% FTEs White	not tracked	17.9%
% FTEs Non-White	not tracked	75.6%
% FTEs Race/Ethnicity Not Reported	not tracked	6.5%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	\$88,480
Employee Engagement Survey?	No	Yes
Organic Net New Hires	20	-14
Total Net New Hires	20	-14
Annual Percent Attrition	not tracked	15.0%

3 Hazardous waste was included in total waste volume for emissions calculations.

Registrar

HISTORICAL ENVIRONMENTAL KPIS

	2021	2022	YoY Change
GHG (Metric Tons)			
Biogenic CO ₂	0	0	0%
Scope 1 CO ₂ e	0	0	0%
Scope 2 CO ₂ e (Location-Based) ¹	57	32	-44%
Total Scope 1 and 2	57	32	-44%
Scope 3 – Waste CO ₂ e ²	–	0	–
ENERGY (MWh)			
Mobile Fuel Energy	0	0	0%
Natural Gas Heating Energy	0	0	0%
Other Fuel Energy	0	0	0%
Purchased Electricity	237	132	-45%
Renewable Energy	0	0	0%
Total	237	132	-45%
WASTE (Metric Tons)			
Landfilled	0	0	0%
Recycled	0	0	0%
Composted	0	0	0%
Incinerated	0	0	0%
Total ³	0	0	0%
Hazardous Total	–	0	–
Non-Hazardous Total	–	0	–
WATER (m³)			
Recycled Water Usage	0	0	0%
Total Water Usage ⁴	0	0	0%
% of Water from Recycled Sources	0%	0%	0%



HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	0.00
Total Recordable Work-Related Fatalities	0	0
Total FTEs	146	193
% Women on the Board	not tracked	14.3%
% Women in Management (Senior Management)	55.0%	41.2%
% of FTEs that Identify as Women	75.3%	72.5%
% of FTEs that Identify as Men	24.7%	27.5%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Registrar only has one facility with a relatively small direct footprint, all of which emissions are from purchased electricity.
2 Paine Schwartz added Scope 3 emissions to the report in 2022.

	2021	2022
% FTEs White	15.8%	35.8%
% FTEs Non-White	8.2%	32.1%
% FTEs Race/Ethnicity Not Reported	76.0%	32.1%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	N/A
Employee Engagement Survey?	No	No, but planned
Organic Net New Hires	26	35
Total Net New Hires	26	35
Annual Percent Attrition	not tracked	41.0%

3 Registrar only pays \$7.50/month for waste services, so its assumed that their waste output is insignificant.
4 Registrar shares their building with another company who pays for all of the water, so Registrar's water usage is considered zero.

APPENDIX 3. ENVIRONMENTAL AND SOCIAL PERFORMANCE

SNFL¹

HISTORICAL ENVIRONMENTAL KPIS

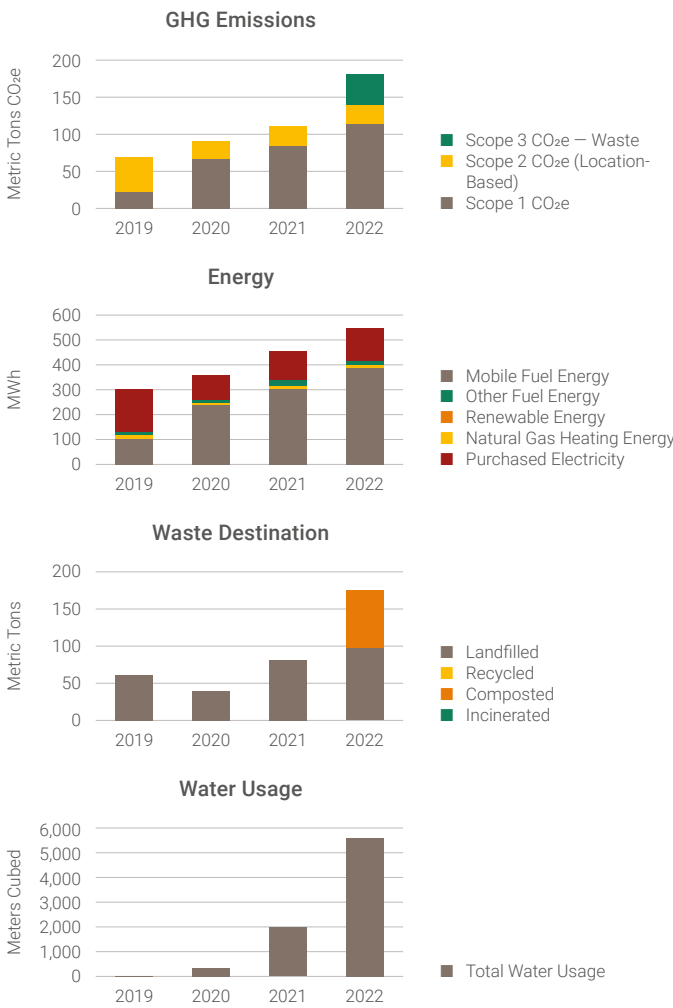
	2019	2020	2021	2022	YoY Change
GHG (Metric Tons)					
Biogenic CO ₂	7	0	0	0	0%
Scope 1 CO ₂ e	22	67	85	114	34%
Scope 2 CO ₂ e (Location-Based)	48	23	24	25	4%
Total Scope 1 and 2	77	90	108	139	29%
Scope 3 – Waste CO ₂ e ²	—	—	—	43	—
ENERGY (MWh)					
Mobile Fuel Energy	100	236	304	391	29%
Natural Gas Heating Energy	14	5	13	13	3%
Other Fuel Energy	18	17	18	15	-18%
Purchased Electricity	173	103	120	127	6%
Renewable Energy	0	0	0	0	0%
Total	305	361	455	546	20%
WASTE (Metric Tons)					
Landfilled	60	40	81	97	19%
Recycled	0	0	0	0	0%
Composted	0	0	0	78	100%
Incinerated	0	0	0	0	0%
Total	60	40	81	175	116%
Hazardous Total	0	0	0	0	0%
Non-Hazardous Total	60	40	81	175	116%
WATER (m³)					
Recycled Water Usage	0	0	0	0	0%
Total Water Usage	11	365	1,978	5,595	183%
% of Water from Recycled Sources	0%	0%	0%	0%	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	0.00
Total Recordable Work-Related Fatalities	0	0
Total FTEs	61	53
% Women on the Board	not tracked	0.0%
% Women in Management (Senior Management)	20.0%	28.6%
% of FTEs that Identify as Women	42.6%	35.8%
% of FTEs that Identify as Men	57.4%	64.2%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Company headquartered in Europe and therefore only reports on race and ethnicity within its North American operations.

2 Paine Schwartz added Scope 3 emissions to the report in 2022.



APPENDIX 3. ENVIRONMENTAL AND SOCIAL PERFORMANCE

Sterilex

HISTORICAL ENVIRONMENTAL KPIS

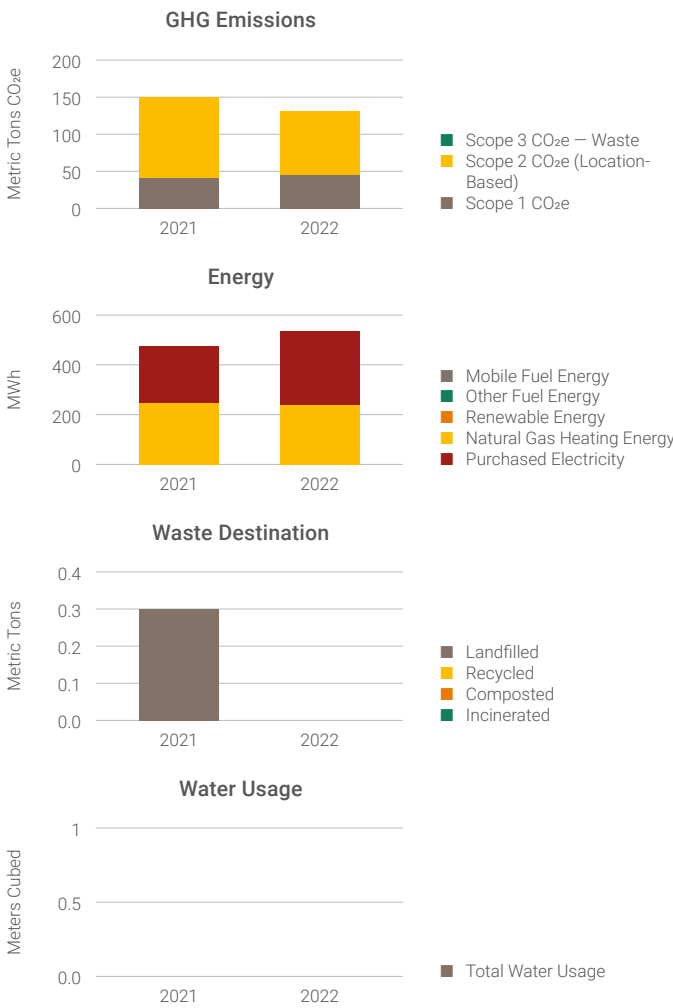
	2021	2022	YoY Change
GHG (Metric Tons)			
Biogenic CO ₂	0	0	0%
Scope 1 CO ₂ e ¹	40	44	10%
Scope 2 CO ₂ e (Location-Based)	113	87	-23%
Total Scope 1 and 2 ²	113	131	14%
Scope 3 – Waste CO ₂ e ³	—	0	—
ENERGY (MWh)			
Mobile Fuel Energy	0	0	0%
Natural Gas Heating Energy	247	242	-2%
Other Fuel Energy	0	0	—
Purchased Electricity	220	292	25%
Renewable Energy	0	0	0%
Total	467	534	13%
WASTE (Metric Tons)			
Landfilled	0.3	0	—
Recycled	0	0	—
Composted	0	0	—
Incinerated	0	0	—
Total	0.3	0	—
Hazardous Total	—	0	—
Non-Hazardous Total	—	0	—
WATER (m³)			
Recycled Water Usage	—	—	—
Total Water Usage ⁴	—	—	—
% of Water from Recycled Sources	—	—	—

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	0.00	0.00
Total Recordable Work-Related Fatalities	0	0
Total FTEs	42	45
% Women on the Board	not tracked	14.3%
% Women in Management (Senior Management)	53.8%	28.6%
% of FTEs that Identify as Women	54.8%	51.1%
% of FTEs that Identify as Men	45.2%	48.9%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 Scope 1 was reported as 0 in last year's report but it should have been 39.8.

2 Sterilex's direct footprint is relatively small, with emissions driven by purchased electricity and natural gas for heating.



	2021	2022
% FTEs White	50.0%	55.6%
% FTEs Non-White	7.1%	15.6%
% FTEs Race/Ethnicity Not Reported	42.9%	28.9%
Financial Contributions (\$USD) to Community Organizations / Charities	>\$500	\$6,600
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	3	3
Total Net New Hires	3	3
Annual Percent Attrition	40.0%	40.6%

3 Paine Schwartz added Scope 3 emissions to the report in 2022.

4 The only water usage and waste produced is from a leased office and the amount is considered insignificant. Sterilex was unable to access this data from the building in 2022.

Suja

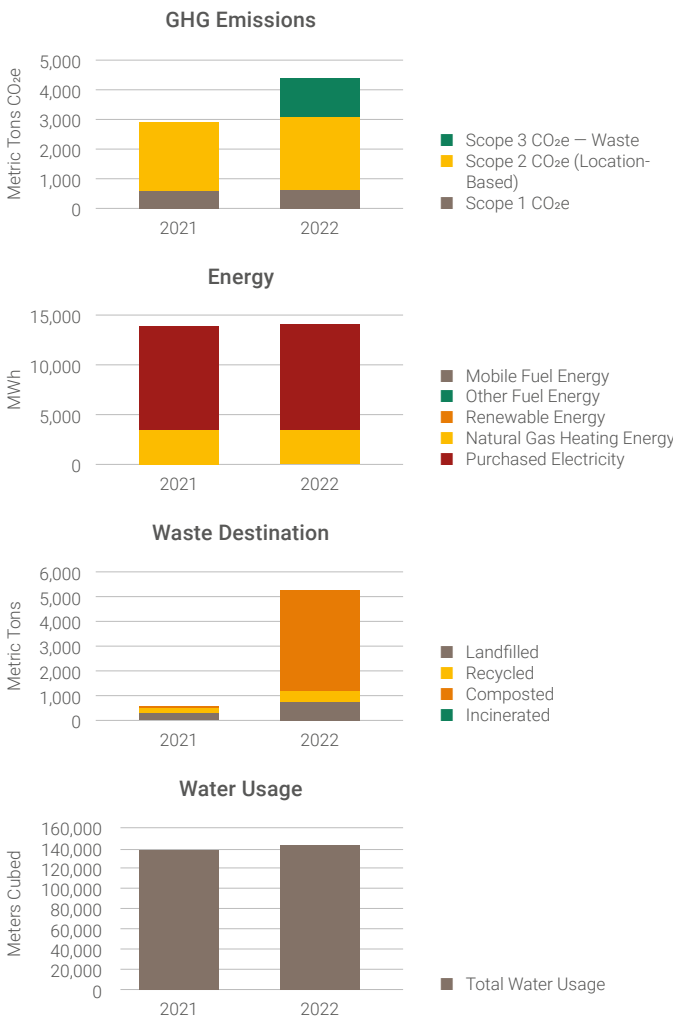
HISTORICAL ENVIRONMENTAL KPIs

	2021	2022	YoY Change
GHG (Metric Tons)			
Biogenic CO ₂	0	0	0%
Scope 1 CO ₂ e ¹	626	611	-2%
Scope 2 CO ₂ e (Location-Based) ¹	2,337	2,482	6%
Total Scope 1 and 2 ²	2,963	3,093	4%
Scope 3 – Waste CO ₂ e ³	—	1,288	—
ENERGY (MWh)			
Mobile Fuel Energy	0	0	0%
Natural Gas Heating Energy	3,458	3,371	-3%
Other Fuel Energy	0	0	0%
Purchased Electricity ⁴	10,335	10,615	3%
Renewable Energy	0	0	0%
Total	13,792	13,986	1%
WASTE (Metric Tons)			
Landfilled	299	730	59%
Recycled	220	442	50%
Composted	1	4,066	100%
Incinerated	0	0	0%
Total ⁵	520	5,238	100%
Hazardous Total	—	0	—
Non-Hazardous Total	—	5,238	—
WATER (m³)			
Recycled Water Usage	0	0	0%
Total Water Usage	141,042	144,700	3%
% of Water from Recycled Sources	0%	0%	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	9.04	6.98
Total Recordable Work-Related Fatalities	0	0
Total FTEs	391	366
% Women on the Board	not tracked	20.0%
% Women in Management (Senior Management)	31.3%	48.4%
% of FTEs that Identify as Women	39.1%	38.0%
% of FTEs that Identify as Men	60.9%	62.0%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	0.0%	0.0%

1 The 2021 Scope 1 and Scope 2 data have been restated in this report to reflect the most accurate data available.
2 Emissions driven by purchased electricity and natural gas for heating.
3 Paine Schwartz added Scope 3 emissions to the report in 2022.



	2021	2022
% FTEs White	27.1%	18.3%
% FTEs Non-White	72.9%	81.7%
% FTEs Race/Ethnicity Not Reported	0.0%	0.0%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	N/A
Employee Engagement Survey?	Yes	Yes
Organic Net New Hires	not tracked	-20
Total Net New Hires	not tracked	-25
Annual Percent Attrition	not tracked	86.0%

4 Purchased electricity increased in 2022 because new machinery was brought in to do in-house bottle labeling.
5 Waste increased due to company expansion and improved reporting abilities.

Urban Farmer

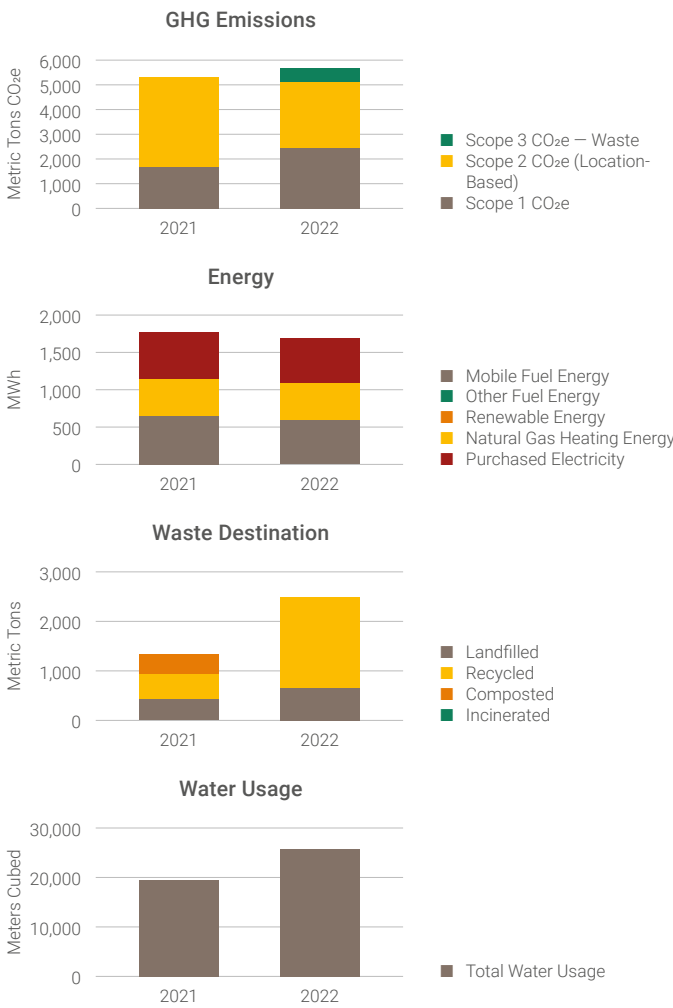
HISTORICAL ENVIRONMENTAL KPIs

	2021	2022	YoY Change
GHG (Metric Tons)			
Biogenic CO ₂	0	0	0%
Scope 1 CO ₂ e	2,567	2,430	-5%
Scope 2 CO ₂ e (Location-Based)	2,719	2,691	-1%
Total Scope 1 and 2 ¹	5,286	5,121	-3%
Scope 3 – Waste CO ₂ e ²	—	587	—
ENERGY (MWh)			
Mobile Fuel Energy	6,633	6,110	-9%
Natural Gas Heating Energy	4,908	4,788	-2%
Other Fuel Energy	0	0	0%
Purchased Electricity	6,050	5,987	-1%
Renewable Energy	0	0	0%
Total	17,591	16,885	-4%
WASTE (Metric Tons)			
Landfilled	440	630	43%
Recycled	500	1,855	271%
Composted ³	373	—	—
Incinerated	0	0	0%
Total ⁴	1,313	2,485	89%
Hazardous Total	—	0	—
Non-Hazardous Total	—	2,485	—
WATER (m³)			
Recycled Water Usage	0	0	0%
Total Water Usage ⁵	19,122	25,671	34%
% of Water from Recycled Sources	0	0	0%

HISTORICAL SOCIAL DATA

	2021	2022
Total Recordable Incident Rate (TRIR)	4.90	4.51
Total Recordable Work-Related Fatalities	0	0
Total FTEs	333	208
% Women on the Board	not tracked	28.6%
% Women in Management (Senior Management)	36.0%	44.0%
% of FTEs that Identify as Women	29.4%	47.2%
% of FTEs that Identify as Men	35.7%	52.8%
% of FTEs Gender Non-Binary	not tracked	0.0%
% of FTEs Gender Not Disclosed	34.8%	7.2%

1 The 2021 Scope 1 and Scope 2 data have been restated in this report to reflect the most accurate data available.
2 Paine Schwartz added Scope 3 emissions to the report in 2022.
3 Composting was not reported for 2022.



	2021	2022
% FTEs White	24.9%	35.5%
% FTEs Non-White	39.3%	64.5%
% FTEs Race/Ethnicity Not Reported	35.7%	0%
Financial Contributions (\$USD) to Community Organizations / Charities	N/A	N/A
Employee Engagement Survey?	No	Yes
Organic Net New Hires	278	-32
Total Net New Hires	not tracked	-32
Annual Percent Attrition	60.0%	78.0%

4 Urban Farmer's waste has increased due to large growth in the past year.
5 Urban Farmer's water usage has increased due to large growth in the past year.

APPENDIX 4

ESG Data Convergence Initiative

As of December 31, 2022

Portfolio Company	GHG Emissions			Renewable Energy		Diversity			Work Related Accidents			New Hires			Employee Engagement
	Scope 1 (MT CO ₂ e)	Scope 2 (MT CO ₂ e)	Scope 3 Waste (MT CO ₂ e)	Total Energy Consumption (GWh)	% Renewable Energy Use	# of Board Members	% Women on the Board	% Underrepresented Groups on Board (optional)	Injuries (Incidents)	Fatalities	Days Lost Due to Injury	Organic Net New Hires	Total Net New Hires	Turnover (annual percent attrition)	Employee Survey
Advanced Agrilytics	813	119	30	3,504	0%	5	0%	0%	4	0	0.5	37	37	26.0%	Yes
AgBiTech	1,261	638	51	6,741	0%	7	14%	14%	3	0	1	28	28	28.0%	Yes
AgroFresh	187	406	18	4,190	0%	—	—	—	3	0	4	0	0	12.0%	Yes
Axiota	364	508	36	2,646	0%	8	13%	0%	2	0	5.5	5	5	27.0%	Yes
Hendrix Genetics	2,745,079	13,684	1,041	162,610	0.1%	—	—	—	177	0	4,882	-33	-377	15.5%	Yes
HGS BioScience	—	—	—	—	—	6	33%	0%	0	0	0	—	—	—	Yes
Kynetec	31	1,517	29	2,603	0.1%	7	14%	0%	0	0	0	-79	6	21.3%	Yes
Lyons Magnus	23,276	16,383	39,659	177,318	0.4%	5	20%	0%	45	0	326	-131	-131	45.4%	Yes
Monterey Mushrooms	82,961	59,582	1,393	587,765	0%	4	0%	75%	81	0	1,986	—	—	35.1%	No
Prima Wawona	16,056	8,700	3,436	65,436	5%	6	0%	17%	172	0	191	-14	-14	15.0%	Yes
Registrar	—	32	—	132	0%	7	14%	14%	0	0	0	35	35	41.0%	No ²
SNFL	114	25	43	546	0%	6	0%	—	0	0	0	-8	-8	0.0%	No
Sterilex	44	87	—	534	0%	7	14%	0%	0	0	0	3	3	40.6%	Yes
Suja	611	2,482	1,288	13,986	0%	10	20%	10%	28	0	126	-20	-25	86.0%	Yes
Urban Farmer	2,430	2,691	587	16,885	0%	7	29%	14%	16	0	488	-32	-32	78.0%	Yes

1 MT — Metric Tons
2 Launched in 2022, fully executed in March 2023

APPENDIX 5

Task Force on Climate-Related Financial Disclosure (TCFD) Support

Paine Schwartz recognizes the necessity to take clear and measurable actions on climate change. Thus, we publicly support the TCFD framework and are taking action to build a more climate-resilient business through transparent action on climate-related risks and opportunities.

The TCFD recommendations are structured around four thematic areas that represent core elements of how organizations operate: governance, strategy, risk management, and metrics and targets. Paine Schwartz is proud to have made progress in each of these areas and expects to continue to work to make additional advancements under the TCFD framework in the future.

GOVERNANCE

Paine Schwartz has established an ESG Committee, comprised of the CEO, who acts as the Committee Chair, and various functional heads of the Firm. The ESG Committee engages with portfolio company management and boards on ESG topics including climate change. Our public commitment to TCFD indicates management buy-in for demonstrable governance on climate action.

RISK MANAGEMENT

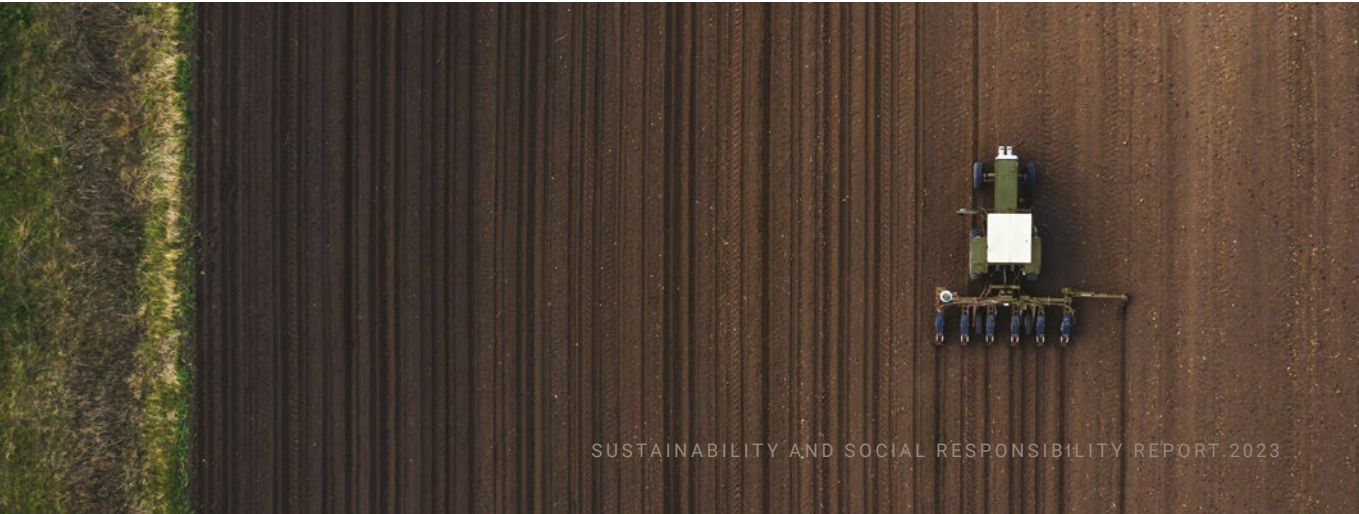
Our current investment diligence includes assessing TCFD-aligned physical and transition risks and opportunities for potential investments. For physical risks, we are using a third-party tool which incorporates IPCC climate scenarios to assess the financial implications of weather events impacted by climate change currently, in 2030, and in 2050. We seek to assess transition risks under TCFD-defined market, reputational, technology, and regulatory risks in both business-as-usual and net-zero scenarios.

METRICS AND TARGETS

Paine Schwartz has collected our Portfolio companies’ Scope 1 and 2 GHG emissions and our Scope 3 Category 15 emissions (financed emissions). We are calculating our operational emissions and certain categories of our Scope 3 emissions (e.g., business travel) which may allow us to set emission reduction targets in the future.

STRATEGY

We conducted a TCFD gap analysis to benchmark our current progress on TCFD and key opportunity areas to develop a fully TCFD-aligned business strategy. To align our investment strategy with TCFD, we are incorporating climate transition risk and opportunities within our acquisition strategy and integrating these considerations into the 100-day plans for our investments where applicable.



APPENDIX 6

SASB Disclosure

As part of our effort to communicate financially material sustainability information to investors, Paine Schwartz (the "Firm") has leveraged guidelines from the Sustainability Accounting Standards Board (SASB) to disclose information most relevant to the Asset and Management Custody Activities sector.

Disclosure Topic Code	Disclosure Topic	Accounting Metric	PSP Disclosure																																																	
FN-AC-270a	Transparent Information & Fair Advice for Customers	Total amount of monetary losses as a result of legal proceedings associated with marketing and communication of financial product-related information to new and returning customers	In 2022, Paine Schwartz incurred no monetary losses as a result of legal proceedings associated with marketing and communication of financial product-related information to new and returning customers.																																																	
		Description of approach to informing customers about products and services	Paine Schwartz engages with key stakeholders on a regular basis to provided updates on performance. This includes meetings, webcasts, annual filings, press releases and published reports such as our annual Sustainability and Social Responsibility Report. Please refer to pages 18–19 of this report and refer to the Paine Schwartz ESG Policy for additional information on transparency & reporting as it relates to ESG matters.																																																	
FN-AC-330a	Employee Diversity & Inclusion	Percentage of gender and racial/ethnic group representation for (1) executive management, (2) non-executive management, (3) professionals, and (4) all other employees	In 2022, Paine Schwartz was proud to become a signatory to the ILPA Diversity in Action initiative (see page 20). We believe this pledge underscores our long-term commitment to advancing the DE&I strategies we have already begun. The focus areas of our DE&I strategy are: PSP demographics tracking (detailed below); employee feedback; recruitment & retention; non-bias and anti-harrassment training; and stewardship in DE&I with our portfolio companies. One way in which we have supported portfolio companies in making progress on DE&I is by incorporating DE&I metrics into CEO goals tied to compensation (see page 17).																																																	
			<table><tr><th>PSP Personnel</th><th>Male</th><th>Female</th><th>Non-Binary</th><th>Decline</th><th>Asian</th><th>Black</th><th>Indigenous People</th><th>Hispanic / Latinx</th><th>Middle Eastern / North African</th><th>White</th><th>Two or More Groups</th><th>Decline</th></tr><tr><td>Partners</td><td>100%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>0%</td><td>20%</td><td>0%</td><td>80%</td><td>0%</td><td>0%</td></tr><tr><td>Investment and PEP</td><td>71%</td><td>29%</td><td>0%</td><td>0%</td><td>4%</td><td>0%</td><td>0%</td><td>8%</td><td>0%</td><td>88%</td><td>0%</td><td>0%</td></tr><tr><td>Administration</td><td>25%</td><td>75%</td><td>0%</td><td>0%</td><td>18%</td><td>0%</td><td>0%</td><td>11%</td><td>0%</td><td>50%</td><td>7%</td><td>14%</td></tr></table>	PSP Personnel	Male	Female	Non-Binary	Decline	Asian	Black	Indigenous People	Hispanic / Latinx	Middle Eastern / North African	White	Two or More Groups	Decline	Partners	100%	0%	0%	0%	0%	0%	0%	20%	0%	80%	0%	0%	Investment and PEP	71%	29%	0%	0%	4%	0%	0%	8%	0%	88%	0%	0%	Administration	25%	75%	0%	0%	18%	0%	0%	11%	0%
PSP Personnel	Male	Female	Non-Binary	Decline	Asian	Black	Indigenous People	Hispanic / Latinx	Middle Eastern / North African	White	Two or More Groups	Decline																																								
Partners	100%	0%	0%	0%	0%	0%	0%	20%	0%	80%	0%	0%																																								
Investment and PEP	71%	29%	0%	0%	4%	0%	0%	8%	0%	88%	0%	0%																																								
Administration	25%	75%	0%	0%	18%	0%	0%	11%	0%	50%	7%	14%																																								
FN-AC-410a	Incorporation of Environmental, Social, and Governance Factors in Investment Management & Advisory	Amount of assets under management, by asset class, that employ (1) integration of environmental, social, and governance (ESG) issues, (2) sustainability themed investing, and (3) screening	\$3.72B																																																	
		Description of approach to incorporation of environmental, social, and governance (ESG) factors in investment and/ or wealth management processes and strategies	Paine Schwartz outlines its integration of ESG factors in its investment strategy on page 16-17 The Firm also maintains an ESG Policy, which is made available on the company website.																																																	
		Description of proxy voting and investee engagement policies and procedures	Paine Schwartz Compliance Manual Section K. Proxy Voting Because the Firm employs an investment strategy focused on private equity, the Firm is not generally in a position to vote proxies. However, in the event that the Firm is presented with such opportunity, the Firm's general policy is to vote proxies in accordance with the best interest of the funds. The Firm believes company management generally is best suited to make the decisions that are essential to the ongoing operation of the company. Therefore, the Firm will generally vote proxies in line with company management. However, under circumstances when the Firm believes that company management's position will not maximize value for the funds, the Firm will vote against company management. In such cases, the reason for the decision, along with a record of the vote, will be retained by the Chief Compliance Officer ("CCO"). Occasions may arise in which the Firm is required to vote a proxy while having a conflict of interest with a fund. To protect the funds against a breach of the Firm's duties to them, on any occasion when a proxy vote presents a conflict of interest, the CCO will present any purported conflict of interest to senior management/investment professional, in addition to outside counsel, for consultation on the matter and conduct a conflict analysis accordingly. The CCO shall document the matter and preserve such documentation in accordance with the Firm's Record Retention Policy.																																																	

NOTES: The information contained herein covers the time period beginning on January 1, 2022, and ending on December 31, 2022, unless otherwise indicated.

Disclosure Topic Code	Disclosure Topic	Accounting Metric	PSP Disclosure
			No monetary losses
		Total amount of monetary losses as a result of legal proceedings associated with fraud, insider trading, anti-trust, anti-competitive behavior, market manipulation, malpractice, or other related financial industry laws or regulations	Paine Schwartz Compliance Manual, Section E. Anti-Money Laundering <p>The Firm takes seriously its commitment to combating money-laundering activity and complying with all anti-money laundering laws and regulations to which the Firm is or becomes subject. The goal of the program is to:</p> <div><div>(i)</div><div>establish and implement written policies, procedures and controls reasonably designed to prevent money laundering or the financing of terrorist activities;</div></div> <div><div>(ii)</div><div>review its anti-money laundering activities (which may be conducted by the adviser or a third party as part of the Firm's annual review of its compliance program);</div></div> <div><div>(iii)</div><div>designate a compliance person with responsibility for implementing and monitoring the operation and internal controls for the program; and</div></div> <div><div>(iv)</div><div>provide ongoing training for appropriate personnel.</div></div>
FN-AC-510a	Business Ethics		Paine Schwartz Compliance Manual, Section I. Whistleblower Policy <p>It is imperative to the effectiveness of the Firm's compliance program that the Firm's employees have the opportunity to report any concerns or suspicions of improper activity at the Firm by an employee or other party confidentially and without retaliation. The Firm will take seriously any report regarding a potential violation of Firm policy or other improper or illegal activity, and the Firm recognizes the importance of keeping the identity of the reporting person from being widely known. Employees should be assured that the Firm will appropriately manage all such reported concerns or suspicions of improper activity reported in a timely and professional manner, confidentially and without retaliation as described below.</p>
		Description of whistleblower policies and procedures	Handling of Reported Improper Activity <p>An employee of the Firm should promptly report suspected improper activity to the CCO to enable the matter to be investigated. In the event that the suspected improper activity involves the CCO, the employee should promptly report such activity to the Chief Executive Officer.</p> <p>Nothing herein shall prohibit or restrict the Firm, employees or their respective attorneys from: (i) making any disclosure of relevant and necessary information or documents in any action, investigation or proceeding relating to employee's employment, or as required by law or legal process, including with respect to possible violations of law; (ii) participating, cooperating or testifying in any action, investigation or proceeding with, or providing information to, any governmental agency or legislative body, any self-regulatory organization and/or pursuant to the Sarbanes-Oxley Act; or (iii) accepting any U.S. Securities and Exchange Commission awards. In addition, nothing herein prohibits or restricts the Firm or employees from initiating communications with, or responding to any inquiry from, any regulatory or supervisory authority regarding any good faith concerns about possible violations of law or regulation.</p> No Retaliation Policy <p>It is the Firm's policy that no employee who reports suspected improper activity under this policy will experience retaliation, harassment, or unfavorable or adverse employment consequences for doing so. An employee who retaliates against a person reporting a complaint will be subject to disciplinary action, which may include termination of such employee's employment. An employee who believes they have been subjected to retaliation or reprisal as a result of reporting a concern or making a complaint is to promptly report such action to the Chief Compliance Officer or the Chief Executive Officer.</p>
FN-AC-000.A	Activity Metrics	(1) Total registered and (2) total unregistered assets under management (AUM)	Paine Schwartz is registered under the 1940 Act and the regulatory AUM (RAUM) is reflected on the Firm's 2022 Form ADV as \$4.83B.

Endnotes

THE FOOD AND AGRIBUSINESS IMPERATIVE

Sources:

- **Food Supply:**
[Food and Agriculture Organization of the United Nations \(https://bit.ly/42r7Cz6\)](https://bit.ly/42r7Cz6)
- **Nutrition:**
[The Lancet](https://bit.ly/3LVjCn2) (Health effects of dietary risks in 195 countries, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017) (<https://bit.ly/3LVjCn2>), [Centers for Disease Control and Prevention \(https://bit.ly/3HGiMs1\)](https://bit.ly/3HGiMs1)
- **Social Responsibility:**
[World Economic Forum \(https://bit.ly/3p7Agan\)](https://bit.ly/3p7Agan), [US Department of Agriculture \(https://bit.ly/3VAcwb6\)](https://bit.ly/3VAcwb6)
- **Climate / Resources:**
[United Nations \(https://bit.ly/42sl7yL\)](https://bit.ly/42sl7yL), [University of Oxford \(https://bit.ly/42mHgOT\)](https://bit.ly/42mHgOT), [World Bank \(https://bit.ly/42slgCj\)](https://bit.ly/42slgCj)

SDG MAPPING

Sources:

- **Advanced Agrilytics:** Company Management, disclosed publicly on Company website
- **AgBiTech:** Company Management
- **AgroFresh:** Company Management, disclosed publicly in the Company’s 2020 ESG Report
- **Axiota:** Company Management
- **Hendrix Genetics:** Company CSR Report
- **HGS BioScience:** Company Management
- **Kynetec:** Company Management
- **Lyons Magnus:** Company Management
- **Monterey Mushrooms:** Company Management
- **Prima Wawona:** Company Management
- **Registrar Corp:** Company Management
- **SNFL:** Company Management, disclosed publicly on Company website
- **Sterilex:** Company Management, disclosed publicly on Company website
- **Suja Juice:** Company website, [Centers for Disease Control and Prevention \(https://bit.ly/3nvtotA\)](https://bit.ly/3nvtotA)
- **Urban Farmer:** Company Management

CASE STUDIES

HGS BioScience

The Importance of Soil

- Source: [Sandia National Laboratories \(Humate’s Role in Terrestrial Greenhouse Gas and Water Reduction\)](https://bit.ly/3NjLf45), 2016

Monterey Mushrooms

Impact and SDG Contributions

- Source: [Cleveland Clinic \(https://cle.clinic/3nsdFEM\)](https://cle.clinic/3nsdFEM), [National Library of Medicine \(https://bit.ly/3NjLf45\)](https://bit.ly/3NjLf45), [Monterey Mushrooms \(https://bit.ly/3NzyUil\)](https://bit.ly/3NzyUil), [New York Times \(https://nyti.ms/3ARGfT8\)](https://nyti.ms/3ARGfT8)

Sterilex

Water Savings

- Source: [Sterilex Water Use Per Doorway Foamer Calculator \(https://bit.ly/415Q2Qo\)](https://bit.ly/415Q2Qo)

Suja

Impact and SDG Contributions

- Source: [Suja Organic \(https://bit.ly/415QqoU\)](https://bit.ly/415QqoU)

Urban Farmer

Impact and SDG Contributions

- Source: [Cleveland Clinic \(https://cle.clinic/424D5HI\)](https://cle.clinic/424D5HI), [Celiac Disease Foundation \(https://bit.ly/44vHntq\)](https://bit.ly/44vHntq), [Intel Market Research \(https://bit.ly/3LSyDpR\)](https://bit.ly/3LSyDpR)

AgBiTech

GHG Emissions

- Source: [AgBiTech Life Cycle Assessment](https://bit.ly/415QqoU) published September 16, 2021 in partnership with third-party consultant Keramida

Axiota

Multimin and Lactipro Utilization Impact

- Source: [Axiota Sustainability Overview](https://bit.ly/415QqoU) published March 1, 2023

General Disclaimers

All content included in this Annual Sustainability and Social Responsibility Report, such as graphics, logos, articles and other materials, is the property of Paine Schwartz Partners, LLC (“PSP”) or others noted herein and is protected by copyright and other laws. All trademarks and logos displayed in this Annual Sustainability and Social Responsibility Report are the property of their respective owners, who may or may not be affiliated with our organization. Any person receiving this Annual Sustainability and Social Responsibility Report is permitted to copy and print individual pages for informational, non-commercial use. These copies must not alter the original report’s content, including all legal notices and legends. There can be no assurances that PSP’s investment objectives will be achieved or that our investment programs will be successful. PAST PERFORMANCE IS NO GUARANTEE OF FUTURE RESULTS.

Similarly, there can be no assurance that PSP’s ESG policies and procedures as described in this report, including policies and procedures related to responsible investment or the application of ESG-related criteria or reviews to the investment process will continue; such policies and procedures could change, even materially, or may not be applied to a particular investment. ESG factors are only some of the many factors PSP considers in making an investment, and there is no guarantee that PSP will make investments in companies that create positive ESG impact or that consideration of ESG factors will enhance long-term value and financial returns for limited partners. There can be no assurance that the operations and/or processes of PSP as described herein will continue, and such processes and operations may change, even materially. The actual investment process used for any or all of PSP’s investments may differ materially from the process described herein.

The United Nations Sustainable Development Goals (SDGs) are aspirational in nature. The analysis involved in determining whether and how certain initiatives may contribute to the SDGs is inherently subjective and dependent on a number of factors. There can be no assurance that reasonable parties will agree on a decision as to whether certain projects or investments contribute to a particular SDG. Accordingly, investors should not place undue reliance on the Firm’s application of the SDGs, as such application is subject to change at any time and in the Firm’s sole discretion.

Investors should read this Annual Sustainability and Social Responsibility Report in conjunction with investment fund quarterly reports, financial statements and other disclosures regarding the valuations and performance of the specific investments listed herein. Investors should also review PSP’s annual, quarterly, and other reports filed with the Securities and Exchange Commission (“SEC”). Certain of the information contained in this Annual Sustainability and Social Responsibility Report represents or is based upon forward-looking statements or information. Any statements that are not statements of historical facts may be deemed to be forward-looking statements. When used in this Annual Sustainability and Social Responsibility Report, the words “may,” “could,” “anticipate,” “target,” “plan,” “continue,” “goal,” “commit,” “achieve,” “project,” “impact,” “intend,” “estimate,” “believe,” “expect,” “potential,” “will,” “should,” “seeks” and similar expressions (or the negatives thereof) are intended to identify forward-looking statements, although not all forward-looking statements contain such words. Forward-looking statements are subject to certain risks and uncertainties that could cause actual results to differ materially from our historical experience and our present expectations or anticipated results. These factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included in this Annual Sustainability and Social Responsibility Report and PSP’s other periodic filings with the SEC. Therefore, undue reliance should not be placed on such statements or the conclusions drawn therefrom, which in no event shall be construed as a guarantee of future performance, results or courses of action. Any forward-looking statement speaks only as of the date on which such statement is made, and PSP expressly disclaims any obligation or undertaking to update or revise any such forward-looking statements. Additionally, terms such “ESG,” “impact” and “sustainability” can be subjective in nature, and there is no representation or guarantee that these terms, as used by PSP, or judgment exercised by PSP Partner or its affiliates or advisors in the application of these terms, will reflect the beliefs or values, policies, principles, frameworks or preferred practices of any particular investor or other third-party or reflect market trends.

The ESG or impact goals, targets, commitments, incentives and initiatives outlined in this report are not binding on investment decisions and/or PSP’s management of investments and do not constitute a guarantee, promise or commitment regarding actual or potential positive impacts or outcomes associated with investments made by funds managed by PSP, unless otherwise specified in relevant fund documentation. PSP has established, and may in the future establish,

certain ESG or impact goals, targets, commitments, incentives and initiatives, including but not limited to those targeting diversity, equity and inclusion, greenhouse gas emissions reductions or alignment with the SDGs. Any ESG or impact goals, targets, commitments, incentives or initiatives referenced in any information, reporting or disclosures published by PSP are not being promoted and do not bind any investment decisions made in respect of, or stewardship of, any funds managed by PSP for the purposes of Article 8 of Regulation (EU) 2019/2088 on sustainability-related disclosures in the financial services sector, other than in relation to those funds making disclosures under Article 8 of Regulation (EU) 2019/2088. Any measures implemented in respect of such ESG or impact goals, targets, commitments, incentives or initiatives may not be implemented in respect of or may not be immediately applicable to the investments of any funds every fund managed by PSP and any implementation can may be overridden or ignored at the sole discretion of PSP. PSP does not make “sustainable investments” within the meaning of Regulation (EU) 2019/2088 of the European Parliament and of the Council of 27 November 2019 on sustainability-related disclosures in the financial services sector. Any references to “positive impacts” associated with investments made by PSP reflect non-binding and aspirational outcomes that may result from the activities of investee companies but which do not form part of PSP’s investment objective; which is to invest in businesses which enhance agricultural productivity while limiting resource consumption and to invest in businesses which provide access to healthier, more nutritious, safer food and reflect evolving consumer consciousness, while generating returns for investors. PSP seeks to target companies with an ownership structure that is expected to enable PSP to positively influence company strategy by proactively identifying and promoting initiatives that the investee company may undertake to create value, however, no guarantee, promise or commitment is made regarding any actual or potential positive impacts or contribution to any environmental or social objective associated with investments made by PSP.

Descriptions of any ESG or impact achievements or improved practices or outcomes of PSP’s portfolio companies are not necessarily intended to indicate that PSP has substantially contributed to any such achievements, practices or outcomes. For instance, PSP’s ESG engagement may have been one of many factors, including other factors such as engagement by portfolio company management and other key third parties and advisors, which may have contributed to the success described in each of the selected case studies.

References to portfolio companies are intended to illustrate the application of PSP’s investment process only and should not be viewed as a recommendation of any particular security or portfolio company. The information provided about these portfolio companies is intended to be illustrative, and is not intended to be used as an indication of the current or future performance of PSP’s portfolio companies. The investments described in the selected case studies were not made by any single fund or other product and do not represent all of the investments purchased or sold by any fund or other product. Goals and commitments are aspirational and not guarantees or promises that all goals and commitments will be met. Statistics and metrics relating to ESG matters are estimates and may be based on assumptions or developing standards. Certain information contained herein has been obtained from third parties, and in certain cases have not been updated through the date hereof. While these third party sources are believed to be reliable, PSP makes no representation or warranty, express or implied, with respect to the accuracy, fairness, reasonableness or completeness of any of the information contained herein, and expressly disclaims any responsibility or liability therefor. Actual results may differ materially from any forward-looking statements.

The information provided herein is for informational purposes only and is not and may not be relied on in any manner as advice or as an offer to sell or a solicitation of an offer to buy interests in any fund or other product sponsored or managed by PSP or any of its affiliates. Any such offer or solicitation shall only be made pursuant to a final confidential private placement memorandum (as amended and/or restated from time to time) and the applicable fund’s subscription documents, which will be furnished to qualified investors on a confidential basis at their request for their consideration in connection with such offering. Please see PSP’s public filings for the definition of “carry funds” and “Assets under Management” or “AUM.”

For purposes of the non-financial operating and statistical data included herein, foreign currencies have been converted to US dollars at the spot rate as of the last trading day of the reporting period when presenting period end balances, and the average rate for the period has been utilized when presenting activity during such period.



Paine Schwartz will be moving into its new office in Summer 2023

All the materials specified in the construction and outfitting of this office have been, wherever possible, sustainably sourced and produced through a circular manufacturing, low-carbon, or carbon-neutral process, with intentionally selected upcycled or easily recyclable materials.

610 Broadway
3rd Floor
New York, NY 10012



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Cover printed on 100% recycled paper. Inside pages printed on up to 30% recycled paper.



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