SUSTAINABILITY REPORT

OUR 2022 **JOURNEY**

ASR GROUP

WHAT'S INSIDE

A Message from Our President

ASR Group is proud to be working together to push forward our values and further our Sustainability vision. FY22 was a year filled with turmoil, but for every event that presented itself as a risk to our company and our mission, we united to face it and grow stronger as a sustainable organization.

The war in Eastern Europe created price shocks throughout global supply chains, sending energy prices higher than ever experienced in our European operations and limiting access to fertilizer for our farming partners in Belize and Mexico. As hardships rose, our global team connected to devise a long-term strategy, looking to more energy efficient technologies and more sustainable agriculture practices in the future, all the while supporting our communities.

Rising inflation caused stress on all links within our value chain, but it also pushed us to become more creative and efficient. It served as a reminder of how precious our resources are and how we must strive to conserve them through usage reduction, reuse and recycling into a circular economy and ecosystem.

As we experienced a growing number of extreme weather events, from hurricanes in Florida to tornadoes in Louisiana and record-breaking heatwaves in numerous regions, we have felt the entire world turn its attention toward sustainability. In the United States, the Inflation Reduction Act created great opportunities to invest in green energy, and we have been exploring these to find the optimal fits for our operations and throughout our supply chain. Opportunities are also advancing in Canada and Europe as Cap and Trade and Carbon Tax funds become available to aid the transition to low carbon technologies. Finally, we are reinforcing our relationships with NGOs and financial institutions to obtain assistance from the Green Climate Fund for both ourselves and our value chain partners, notably smallholder farmers in low-income economies.

We are excited by the path we are on as we move forward toward our vision to be the most sustainable and ethical sugarcane company and achieve net zero carbon as fast as we can, and FY22 has been another step in the right direction. We remain committed to reaching carbon neutrality by 2040 and carbon net zero by 2050. We believe sugarcane, with its inherent qualities, has the power to play an important role in our journey by producing green energy and sustainable consumer products as well as reducing the world's carbon. We are committed to this goal while also respecting the people who work for us and with us.

We are ASR Group, making life sustainably sweet for future generations.

Luis Fernandez
President & Chairman of the Board

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President & Chairman of the Board

EXECUTIVE SUMMARY

Since we published our FY21 Sustainability Report, we have continued to work toward understanding our systems and the influence we have on the world around us.

OUR JOURNEY 2022

Since we published our FY21 Sustainability Report, we have continued to work toward understanding the influence we have on the world around us. Under the leadership of our Chief Sustainability Officer, our efforts have strengthened as we have further developed and advanced our sustainability programming, notably through advancements in short, mid and long-term strategy. We additionally reinforced our Sustainability team's capacity by hiring or appointing Sustainability engineers at most sites, and planned to grow the Corporate Sustainability team.

In keeping with our commitment to increased communication and transparency, we are pleased to present this report and update you on our progress.

Sustainability guides our company's strategy as we believe it is the only way to responsibly manage our business in the long term. We realize that various matters are complex and not yet completely defined, but we continue to act in tandem as the sciences evolve to push our Sustainability vision and strategy forward. We are proud to have further matured our company-wide life cycle analysis, which will enable us to expand our sustainability ambitions across our entire value chain.

Our support for the communities and environment we depend on has remained strong, and we have created tangible value for our stakeholders and our business by identifying new opportunities, reducing and managing risks, and lowering our costs.

This report describes our work through Fiscal Year (FY) 2022, ranging from October 2021 through September 2022.

2022 Highlights

Grew the **Sustainability team's capacity** by appointing Sustainability Engineers at most sites and planning the Corporate Sustainability team's growth.

Increased our number of **EV charging stations** to five sites.

Matured our company-wide **product life cycle analysis** by business region.

Advanced our **decarbonization strategy** with a further reach to 2040 and beyond.

Expanded our freight **Supply Chain Environmental** tracking to cover Canada and Mexico.

Assessed **79%** of the raw sugar that arrived at our refineries using our Corporate Social Responsibility (CSR) verification tools.

Developed our understanding of **sustainable packaging** and extended our packing objectives to our complete portfolio of products.

Paid more than **$3 million (USD)** in Fairtrade Premiums to Fairtrade-certified Small Producer Organizations.

Ambition Pillars

Our Sustainability strategy sets out comprehensive objectives and commitments to build on those identified in the FY18 report. Our programs are aligned with several principles of the United Nations Sustainable Development Goals (UN SDGs):

click each box

DECARBONIZATION

RESOURCE CONSERVATION AND CIRCULARITY

SUSTAINABLE AGRICULTURE

SUSTAINABLE AND ETHICAL SUPPLY CHAIN

EMPLOYEE AND COMMUNITY ENGAGEMENT

GOVERNANCE, COMMUNICATION AND REPORTING

About ASR Group

ASR Group is the world's largest cane sugar refining company.

Corporate Overview and Brands

ASR Group is the world's largest cane sugar refining company. Headquartered in West Palm Beach, Florida, ASR Group serves markets in the United States of America, Canada, the United Kingdom, Portugal, Italy, Mexico, and Belize and employs more than 6,000 people. The company is jointly owned by Florida Crystals Corporation and Sugarcane Growers Cooperative of Florida, two Florida-based agricultural companies that collectively farm sugarcane on 285,000 acres of land in South Florida and produce raw and refined sugar. Though owned by Florida Crystals Corporation and Sugarcane Growers Cooperative of Florida, ASR Group is maintained as a separate legal entity, and this report is restricted to the business of ASR Group.

Our brand portfolio includes:

OUR FAMILY OF BRANDS

Our History: At a Glance

1998

1998, Florida Crystals and Sugar Cane Growers Cooperative partnered to acquire Refined Sugars, Inc., with a cane sugar refinery in Yonkers, NY.

2001

2001, Domino Sugar was acquired with three East Coast cane sugar refineries and the nation's leading sugar brand, Domino®. The company became American Sugar Refining, Inc.

2005

2005, we expanded to the West Coast with the acquisition of C&H Sugar Co., Inc., allowing us to serve customers nationwide more effectively. The purchase of C&H added another sugar refinery and the leading sugar brand on the West Coast to our business.

2006

2006, we added Chr. Hansen's specialty division. Hansen added to our offering of specialty sweetener products, including molasses, malt, rice syrup, oat extract, honey, and invert and fondant sugars, with production facilities in Louisiana and Illinois.

2007

2007, we expanded our operations to Canada and Mexico to become the premier sugar producer and supplier in North America. First came the acquisition of Redpath Sugar in Toronto, Canada. Then, we acquired Ingenio San Nicolas in Veracruz, Mexico.

2010

2010, we acquired Tate & Lyle PLC's European cane sugar operations, the leading cane sugar refiner in the EU. The acquisition of refineries in London, England, and Lisbon, Portugal, increased our total refining capacity to 6.5 million tons per year. This acquisition also included the right to use the distinguished Tate & Lyle® brand for sugar, the Lyle's Golden Syrup factory in Plaistow, England, and the Lyle's® brand.

2012

2012, we announced our expansion into Central America by acquiring a majority interest in Belize Sugar Industries, Ltd., a supplier of Fairtrade cane sugar.

2013

2013, we expanded into the Italian market by purchasing 50 percent ownership of SRB S.p.A., a cane sugar refinery in southern Italy.

2014

2014, we opened a new EU Headquarter in London, England.

2018

2018, we acquired U.S. Sugar, the granulated, brown, and powdered sugar processor and packager in Buffalo, NY.

2020

2020, we acquired Tellus Products, LLC, which produces compostable tableware and foodservice products from sugarcane fiber.

Our Value Chain

FARMING

Our value chain begins when farmers grow sugarcane, which they deliver to a local mill for processing. Sugarcane is a tall grass that thrives in tropical and subtropical climates and takes 12 months to mature before harvesting. It is grown by smallholder farmers, conglomerate farming groups, and large estate farms. Farming operations are either managed by independent farms or by the mills that process the cane.

MILLING

Once the sugarcane is harvested, the first stage of processing takes place at a mill. Mills are located close to farms to ensure the sugarcane's freshness when processed. Mills process sugarcane into raw sugar that is either sold directly to consumers (if produced in a food grade sugar mill) or sent to a sugar refinery for further processing. Both our sugar mills in Mexico and Belize produce food grade sugar for direct consumption.

REFINING

Our refineries in the USA, Canada, the UK, Portugal, Italy, and Mexico process raw sugar from our mills, as well as third-party mills. Through the refining process, large quantities are processed into a range of sugar products such as granulated, liquid, brown and powdered sugars.

PACKING

Products are packaged and shipped to both industrial and retail customers. The former also receive products in bulk.

TRANSPORT AND LOGISTICS

A range of vehicles, including trucks, railcars, barges and ships, transport our sugar.

FY22 Materiality Assessment

During this Fiscal Year, ASR group worked with its suppliers, customers, employees, and other stakeholders to update the company Materiality Assessment. In our FY19-21 report, we reiterated our 2018 Assessment results and confirmed that our objectives were aligned with our most significant risks and program expectations.

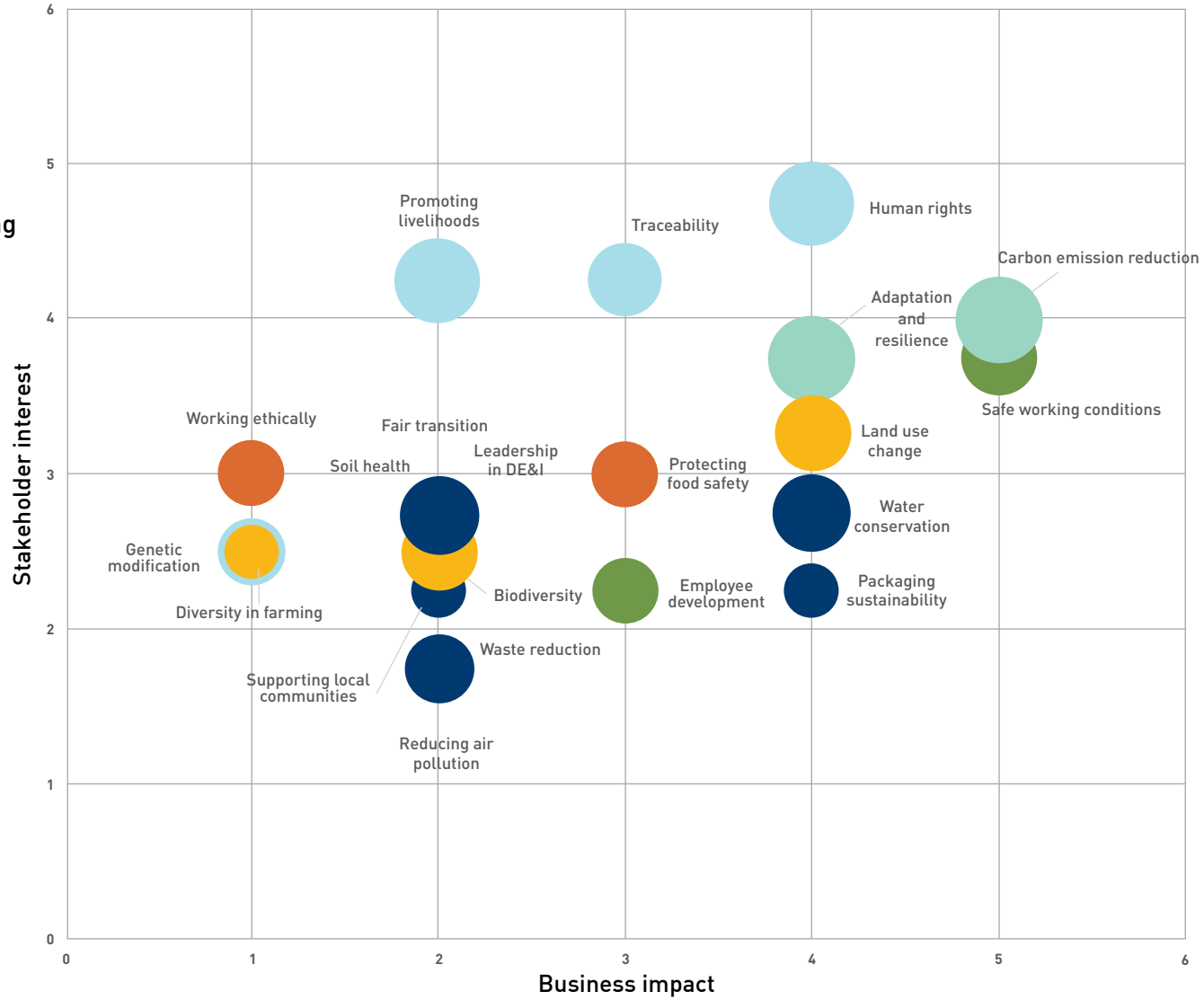
In FY22, we conducted a new Materiality Assessment. We first interviewed stakeholders to determine the topics they deem important in such an analysis. We then complemented this initial analysis with a potential environmental impacts risk analysis, following the Global Resource Index (GRI) methodology. This type of evaluation is termed a "double materiality assessment." The results from our recent evaluation are graphically depicted to the right.

Materiality Matrix

This matrix plots business impact scores against stakeholder interest scores for each material issue.

Topics are grouped in the following subject clusters:

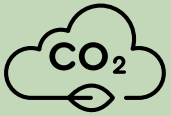
- Climate change
- Resource conservation
- Sustainable and regenerative agriculture
- Sustainable and ethical value chains
- Employee and community engagement
- Governance



FY22 Materiality Assessment

Six themes were reprioritized through this research, building on the 2018 outcomes. These are:

Greenhouse Gas Emission Reduction



Decarbonization remains ASR Group's priority objective for all our owned assets. In contrast to the FY18 Materiality Assessment, it is now also a top priority for stakeholders and is deemed to have a high potential financial impact on the business. ASR's short-term strategic focus is currently geared toward Scope 1 (direct emissions) and Scope 2 (indirect influence – utility company focus) emissions. Our plan, however, is to increase our understanding of Scope 3 (all other indirect emissions) emissions and how these impact the embodied carbon within our products. The importance of this theme cannot be understated. Greenhouse gas emissions are components of all activities that go into the creation of our products: they are released through our activities, and through those of our suppliers, our logistics and service providers, our customers and consumers, and our waste treatment providers. We believe that addressing emissions from cradle to grave is imperative.

Human and Labor Rights

ASR Group recognizes that we have a responsibility to address any adverse human rights' impact in our operations and to use our leverage to encourage our stakeholders to respect human rights in our extended supply chain. We take our social responsibilities seriously. Ensuring the sustainability of our operations, our supply chain and our products is one of ASR Group's core values, and respecting human rights is fundamental to that goal. These principles drive us to continually strengthen our global Corporate Social Responsibility (CSR) efforts so that we have a positive impact on human rights. People are at the core of our operations, from the sugarcane fields to the operating floor of a refinery, and we recognize that they are key to our success. We engage with third party agencies such as Fairtrade, ProTerra, Bonsucro, SEDEX and others to ensure that Human and Labor Rights are respected throughout our value chain. We also recognize and respect individuals' land ownership and management rights. As we strive to increase sugarcane yields on our lands and third-party farmers' lands, we seek to implement sustainable agriculture practices and collaborate with growers to improve their livelihoods as well as the soil health and quality of life.

Safe Working Conditions

The Health and Safety of our employees and those that supply our value chain is of paramount importance to us and is essential for our operations to be sustainable. Within our own operations, we focus on designing and implementing comprehensive on-boarding and job specific training for all new employees, while driving discussions at the site and personal level to encourage engagement on safety. We impress the importance of Health and Safety with our value chain partners through our published policies, accepted self-certifications, and customer auditing and verification programs.

Adaptation and Resilience

As the climatic environment becomes more unstable, we must find a way to operate within it whilst ensuring a balance between ecological and economic systems. To do so, we must create innovative and adaptive programming focusing both on short- and long-term resilience. Failing to do so could lead to irreparable damage to our interdependent natural systems and endanger our existence on this planet.

FY22 Materiality Assessment

Land Use Change and Land Management

Markets and legislature expect farming entities to apply sustainable / regenerative agriculture programs in combination with reforestation / afforestation activities. Human activities can impact soil with contrary results: they can be a source of adverse contributions, as well as a foundation to create equilibrium in the active carbon cycle. We seek to understand this delicate balance and encourage behaviors and practices that will create harmony. We believe that this task is as vital as it is complex.

Supplier Traceability and Transparency

Transparency and traceability are critical throughout our supply chain to ensure that all processes are conducted ethically and sustainably. This is important to us as social responsibility is at the core of what we do. To hold ourselves accountable to this, we've made our Ethical Sourcing Policy, Code of Ethics and Business Conduct, and Supplier Code of Conduct publicly available on our website and require our own and our suppliers' operations to undergo third-party social audits to understand and address any health, safety, environmental, labor and human rights issues.

Materiality Assessment Methodology

The identification of our stakeholders' priorities enables us to ensure that our vision is aligned with global expectations, or points to the need to reassess our trajectory. The exercise enables us to stay at the forefront of the rapidly evolving sustainability landscape.

We conducted our FY22 Double Materiality Assessment by executing the following steps:

- Identification and aggregation of potential issues or risk categories;
- Evaluation of categories for potential business impact vs stakeholder interest on a 1-5 scale for each;
- Prioritization of material risk categories based on the comparative analysis results;
- Analysis of the potential impact of the resultant material issues;
- Recognition of priority themes.

Categories and the 1-5 risk matrices were identified through the following inputs and activities:

- Internal interviews;
- External interviews;
- Peer and customer reporting and communication;
- Consultant, Risk department, and Sustainability department comparative risk working group to evaluate stakeholder intent and business impact potentials;
- Consultant assistance to determine impact weights.

This activity will be repeated every three to five years to ensure our efforts align with our local and international communities' expectations. We recognize these risks as near-term market, legislative, and financially driven expectations.

This risk profile is considered transitional, as developing legislation in Canada, Europe and North America strengthens pressure for non-financial disclosures. We believe that companies will be expected to determine and disclose physical risk within their portfolios soon, as defined by the Taskforce on Climate Related Disclosure (TCFD). With the combined risk criteria knowledge, companies will be able to strategically plan and act sustainably.

In FY23, ASR Group will work with ClimateAI to develop climate models that forecast the impacts of climate change on our physical infrastructure and our sourcing regions over the next 50 years, projecting scenarios based on varying global action.

VISION AND STRATEGY

We aspire to be the most sustainable and ethical sugarcane company and achieve net zero carbon as fast as we can – but no later than 2050.

Vision and Strategy

We aspire to be the most sustainable and ethical sugarcane company and achieve net zero carbon as fast as we can. That is why we identified six focus areas for our sustainability journey:

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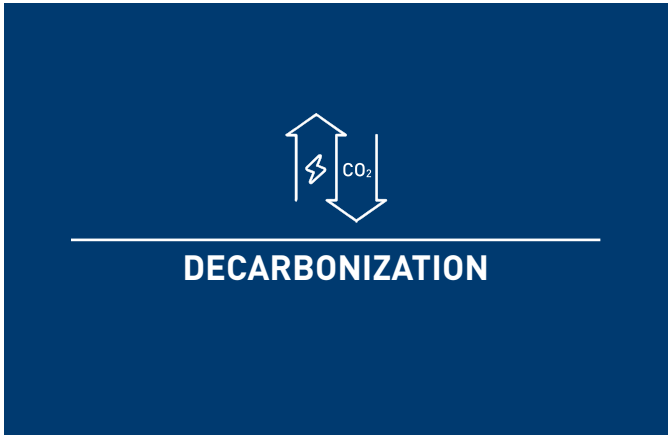


To achieve our vision and objectives, we have engaged a sustainability taskforce comprised of engineers, managers, and our Chief Sustainability Officer (CSO). To maximize resources and responsibilities, the team have identified three project tiers to focus on, with well-defined cross-functional, multi-departmental roles and responsibilities.

DECARBONIZATION

We aim to be the lowest carbon-emitting sugar company in the world.

Our Decarbonization Approach

We will halve our direct and select indirect greenhouse gas (GHG) emissions (Scope 1 & 2) by 2030 and become carbon neutral globally by 2040.

We will achieve carbon neutrality through a rigorous focus on carbon reduction:

- improving our day-to-day operational efficiency and reliability;
- reconfiguring our processes to make them more energy efficient;
- greening our energy mix;
- exploring innovative technologies;
- using alternative fuel sources for our operations and transport fleet;
- encouraging our value chain partners in their decarbonization journeys.

We will be net zero by 2050 (Scopes 1-3).

While we have direct control over much of our carbon footprint, the largest percentage of our GHG influence lies with third-party suppliers and service providers. We want to achieve our net-zero ambition as fast as possible and are committed to working with our external partners to accelerate the pace and scale of their decarbonization.

Our goal is to ensure each of our products globally has a published transparent carbon footprint intensity (product life cycle) to inform customer and consumer choice. Our CDP scorecard is available under the company name "ASR Group Int." and is updated annually since our participation began in 2016. Our 2023 CDP disclosure (containing our FY22 data) will be publicly available once the analysis team completes their survey review- anticipated January 2024. Our understanding of our footprint may have advanced since our last CDP filing and consequently, some variances in reporting may exist between the filing and this sustainability report.

Our Decarbonization Approach

Climate Action Roadmap

In addition to our annual reporting efforts, we developed our Climate Action Roadmap, which is published on our Sustainably Refined website: https://www.sustainablyrefined.com/reports

This amplification document provides additional insights on our impact and our commitments for all the stages of the supply chain including agriculture, milling, logistics, refining and packaging. It also sets out our commitments to the values of a science based and transparent approach, a focus on systemic change, and fairness and support for the most vulnerable in our supply chain to enable them to adapt to climate change.

Science Based Targets Initiative

To further support our decarbonization efforts, we have publicly declared our ambitions with the Science Based Targets Initiative (SBTi). Per the initiative's expectations, we are working to validate our target commitments with the agency no later than March 2024.

The Science Based Targets Initiative (SBTi) is a partnership between Carbon Disclosure Project (CDP), the United Nations Global Compact, World Resources Institute (WRI) and the WorldWide Fund for Nature (WWF).

Targets are considered 'science-based' if they are in line with what the latest climate science deems necessary to meet the goals of the Paris Agreement – limiting global warming to well-below 2°C above pre-industrial levels and pursuing efforts to limit warming to 1.5°C.

Find out more at https://sciencebasedtargets.org

Product Life Cycle

We aim to understand our products' carbon footprints to actively reduce our finished goods' embodied carbon footprint.

To understand our product's carbon footprint, we completed a comprehensive product life cycle analysis (pLCA), adhering to the GHG Protocol's applicable accounting and reporting standard. Through our decarbonization efforts, we understand our direct (Scope 1) emissions, as well as our indirect emissions that are attributable to the electricity and energy purchased from our utility providers (Scope 2). We also understand our products' indirect (Scope 3) emissions thanks to successful surveying, modeling, and data mining-building upon our FY21 Sustainability report efforts. We will continue to refine our analysis as we concurrently use the information to focus our efforts.

Our current progress can be found in a comprehensive Heat Map in Appendix 124. All our reported greenhouse gas emission data can be found in the Appendix.

[1] From the global perspective with non-attributable categories

Value Chain Product Life Cycle Analysis (pLCA)

The following graphics represent our product's carbon footprint during the operations stage at the refinery level.[2] This depiction shows our product's carbon emissions as it moves through each step in the supply chain. We provide a pLCA report for each region in the Appendix. We are currently engaged with a third party to validate our pLCA.

Our carbon emissions originate from:

- Farm and mill: fertilizer production and decomposition as well as vehicles' fuel.
  - Regional FAO data was used where supplier data was not inventoried.
  - Land use change influence is under review.
- Logistics to Refinery: shipping vessels' freight movement.
- Logistics to customer.
- Packaging materials' end of life treatment.
- Refineries:
  - Stationary fuel use for process steam generation, downstream wastewater treatment needs, energy required for ingredient supplies and solid waste treatment.
  - Embodied carbon from purchased goods and services, employee commute, business travel, and capital goods.

Farm to Refinery Gate pLCA for ASR Group FY22

Kg CO_2e/MT Sugar

	Farms	Transport to mills	Mills	Transport to ASR refineries	ASR Group Int. Refineries	Gate to Post-consumer End-of-Life	Total Kg CO_2e/MT Sugar
Scope 1					140		140
Scope 2					38		38
Scope 3	362			38	55	46	501
							679

Based on inventoried data per GHG Protocol (Tier 1)

Based on Tier 1 calculations, supplier data, informed assumptions, and UN data models

[2] Not all categories of Scope 3 influence have been calculated; please refer to page 124 for a heat map outlining the current program maturity.

Our Operations

We aim to decrease our net GHG emissions through operational efficiency.

Although our FY22 emissions reflect a significant decrease from our FY12 baseline, our net GHG emissions (Scope 1 & 2) slightly increased during this period compared to FY21 due to operational inefficiency and aging infrastructure in some of our refineries. We continue to address this issue as we strengthen our continuous improvement and reliability programs. ASR's Chief Sustainability Officer (CSO) has bolstered these programs in conjunction with the C-suite by setting a 3% annual emissions reduction target at all sites. This goal will be met through reliability program investments and process optimization capital investments. Individual site sustainability engineers are tasked to act as change agents and program facilitators to ensure this goal's accomplishment.

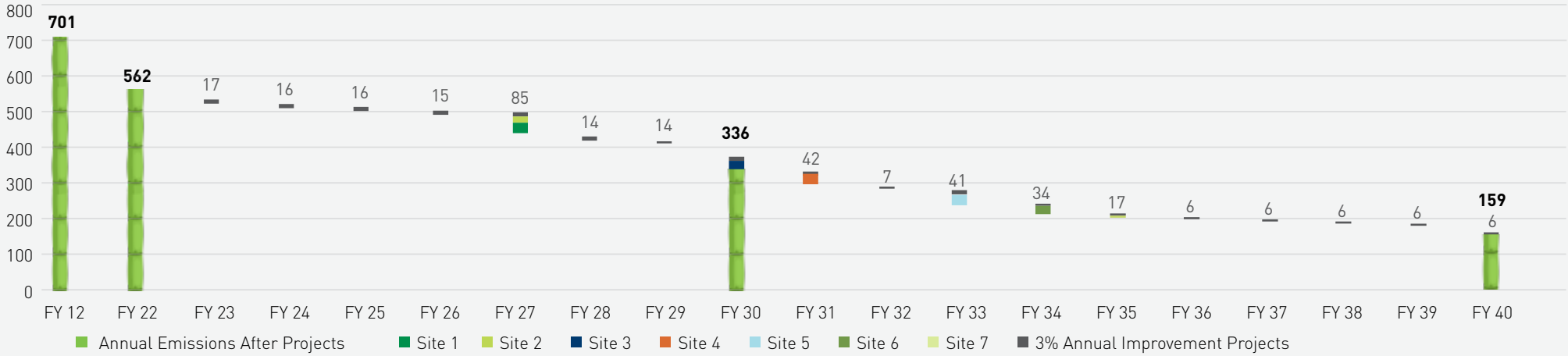
We've continued to advance our decarbonization strategy toward our objectives: to cut our Scope 1 and 2 emissions by 50%[3] by 2030, become carbon neutral globally by 2040, and Net Zero by 2050.

In addition to the 3% annual improvement target discussed above, we have also planned large innovation projects throughout our portfolio. These investments will transform our processes through the implementation of modern and efficient production technologies from FY23 through FY36. Based off of our current reduction trajectories, we will need to devise additional initiatives to reach our goals. To become carbon neutral by 2040 and Net Zero by 2050, in addition to the previously mentioned programs and projects, we additionally plan on switching to renewable energy or implementing carbon capture technologies.

Individual sites' net GHG emissions are included in the Appendix, broken down into Scope 1, 2 and 3 emissions.

Our Scope 1 & 2 strategy is depicted in the graph below:

Carbon Reduction Trajectory



[3] Compared to our FY12 baseline.

Agriculture and Milling Activities

We will continue to decarbonize our own agriculture operations, and where possible develop programs that support systemic carbon removals, by applying evolving best practices in line with international standards and expert guidance.

While we purchase raw sugar from mills around the world, we also own sugar mills in Belize and Mexico. Most of the sugarcane supplied to our mills comes from local smallholder farmers, although a small fraction of the feedstock is grown on our properties.

Most carbon emissions in our farming and milling operations come from:

1. The production, application, and decomposition of soil additives like fertilizer.
2. The vehicle fuel used to cultivate and transport sugarcane for processing.
3. Land Management activities such as tillage, crop residue control, land use and irrigation.

Agriculture activities related to the decarbonization effort and sustainable agriculture practices are further discussed in the Sustainable Agriculture section of this document.

Agriculture and Milling Activities

Bagasse, or sugarcane fiber, is considered a by-product of sugar production. We are researching this fiber's many uses, but we predominantly burn it in mill boilers to generate both steam and electricity.

The carbon dioxide (CO_2) gas released by biofuels' (like bagasse) burning is a natural biogenic emission. This emission is recaptured through photosynthesis, and is too short-lived to impact the active carbon cycle and drive climate change. This gas fraction is considered "Biogenic, Out of Scope" in the GHG protocol and is reported separately in this report, as required.

However, small amounts of nitrogen dioxide and methane gas are released, which do contribute to our emissions within our Scope 1 (direct emission) category. Our mills' climate change impact is very low; nevertheless, we continue to seek ways to reduce greenhouse gas production through process optimizations and innovations.

When boilers and mills are more efficient, we can share the excess energy we generate with the utility grid, supporting a climate resilient network for our surrounding communities and sugarcane producers. Our Belize and Mexico mills supply green electricity to their national grids, and we are focused on optimizing mill performance to deliver even more green energy into the regional energy mix, to ultimately displace petroleum alternatives.

New opportunities are developing thanks to the advent of innovative technologies, which may in turn allow for alternative uses of excess bagasse. Players are constantly researching fiber products. Additionally, we are looking into technologies that may capture combustion gases for reuse or sequestration potentials. Our particular focus is on our biofuel-run combined heat and power plants.

Refineries and Co-packing Facilities

To reduce our emissions and become carbon neutral by 2040, we are investing in ambitious operational efficiency and renewable energy programs.

We own and operate nine refineries around the world. During the refining process, raw sugar is melted then filtered through a high-energy process to remove impurities before it is crystalized into the wide variety of sugars we sell to the market. Many of our products are packed and shipped directly from our refineries. In some cases, bulk products are shipped to one of our co-packing facilities or Non-Refinery Operations (NRO) so they can be packed closer to the point of distribution and sale.

Initial feasibility studies and our emissions' reduction strategy show the potential to meet and exceed our emission goals if we adopt the following three workstreams:

1. **Continuous improvement and relentless efficiency:** We are optimizing and upgrading our refining technology and processes to maximize efficiency today, while preparing for future technologies.
2. **Proven technologies:** We are identifying "best in class" technologies from around the globe that are not yet integrated into our portfolio to advance towards our 2030 decarbonization goal. In addition, we significantly increased our ability to use renewable energy in our biomass-supported facilities and we continue to invest in capital projects; through these we investigate and adopt new technologies.
3. **Emerging technologies:** We are developing and testing emerging technologies at our plants. Solutions we're investigating include electrification of manufacturing processes; carbon capture and utilization; industrial ecology (for example, putting waste heat from our operations to productive use); and hydrogen as a fuel.

Highlight Story: How our North America Refineries are Lowering our Carbon Footprint

Reducing our energy consumption continues to be our priority across the company. A new North America energy team has benchmarked roughly 20 metrics related to energy and steam consumption across our plants. Through collaboration and a continued commitment to Efficiency & Sustainability, we are making progress as we work to meet these benchmarks and minimize our carbon footprint.

Reducing our energy demand is the first exciting step we must consider as, not only we, but the world seeks to decarbonize," said Corporate Director of Sustainability Daryl Sabourin. "It asks the very important question, how good can we get at producing our product, considering all best practices that exist today? Our engineers have faced that challenge and have developed a plan to reinvigorate and innovate our processes around the globe, and some very exciting changes are heading our way."

Yonkers

We are excited to partner with Con Edison, the local utility that services the Yonkers Refinery, on a one-of-a-kind Strategic Energy Partnership (SEP) that has already resulted in energy efficiency modernizations. These investments are moving us closer to our corporate sustainability goals while also providing the State of New York with solutions to meet its own benchmarks. Through this partnership, the refinery's white sugar runoff project eliminated direct steam use in one step of its white sugar production, reducing the refinery's energy use by 2%. Additionally, the refinery's pan liquor evaporator project uses modern heat exchangers and condensers to achieve an impressive 9% energy reduction — equivalent to the amount of carbon sequestered by 9,000 acres of forests in one year.

Highlight Story: How our North America Refineries are Lowering our Carbon Footprint, continued

Baltimore

The Baltimore Refinery is working to optimize its filtration system to produce liquid sugar. Once completed, the initiative is projected to reduce carbon emissions by 2,500 metric tons per year — equivalent to taking 544 vehicles off the road.

Chalmette

The Chalmette Refinery launched an air leak elimination initiative. Engineers and instrument technicians use a Fluke sonic imaging sensor to find the leaks, then fix those leaks on the spot. The team has worked to make the steam trap audit program more robust, while also focusing on increasing our condensate return.

Crockett

The Rotex Auto Valves project was one of the highest-impact initiatives this year as it reduced the amount of sugar the plant needs to reprocess by 1.5%, or 20 million pounds of sugar. This helped lower our water and energy consumption and will displace approximately 1,500 metric tons of CO_2 per year.

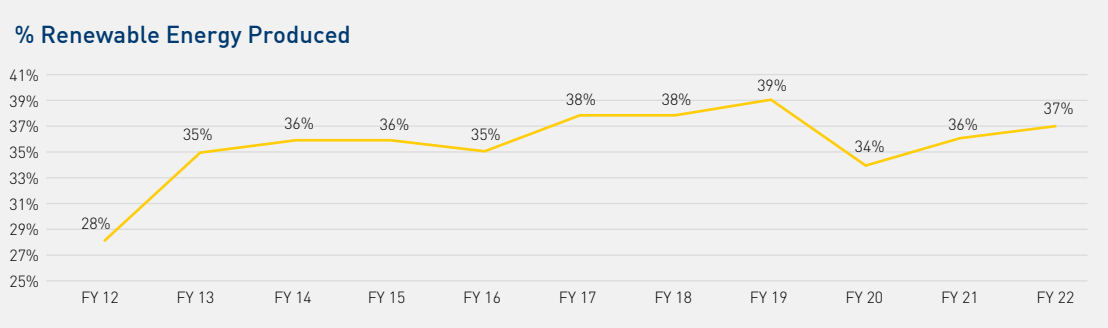
Toronto

Since engaging in a companywide benchmarking exercise, the Toronto Refinery has seen savings of up to 5% of its monthly energy budget.

Renewable Energy in Our Operations

We strive to secure renewable energy as it becomes available in our areas of operations.

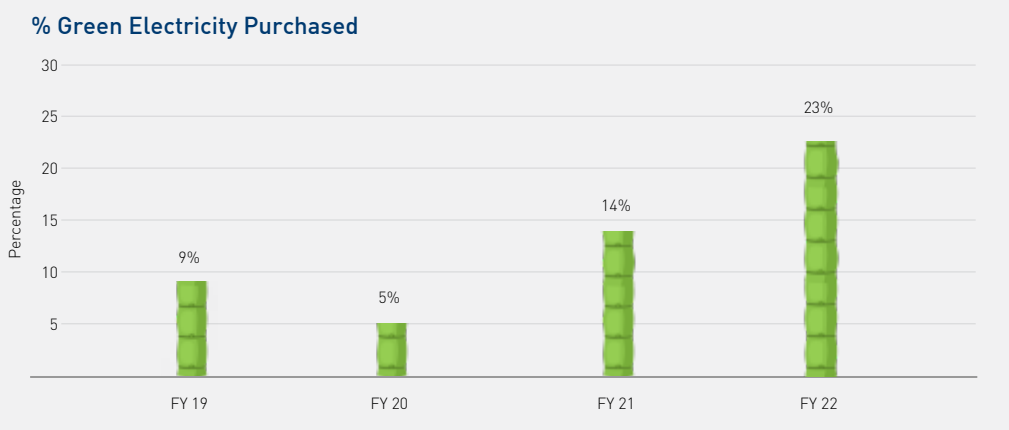
Our Mexico and Belize mills use sugarcane fiber, called bagasse, to produce green energy through our cogeneration assets, while our Brindisi Refinery uses ethically sourced certified biofuel for energy. Thus, in FY22, 36% of our net energy production was derived from renewable energy sources. That energy, which is usually represented as MMBTU (Millions of British Thermal Units), is used as steam in our process, while also providing electricity for our systems.



As our facilities do not use all the energy produced, we export the surplus power to surrounding electrical grids at many of our locations. During FY22, we provided slightly more than 283 thousand megawatt hours of electricity to surrounding municipal utility systems, of which more than 259 thousand megawatt hours were from renewable sources. This is enough green energy to power roughly 24 thousand US homes for a year.[4]

[4] According to the Energy Information Administration in 2020, the average annual electricity consumption for a US residential utility customer was 10,715 kilowatt-hours (kWh), or an average of about 893 kWh per month.

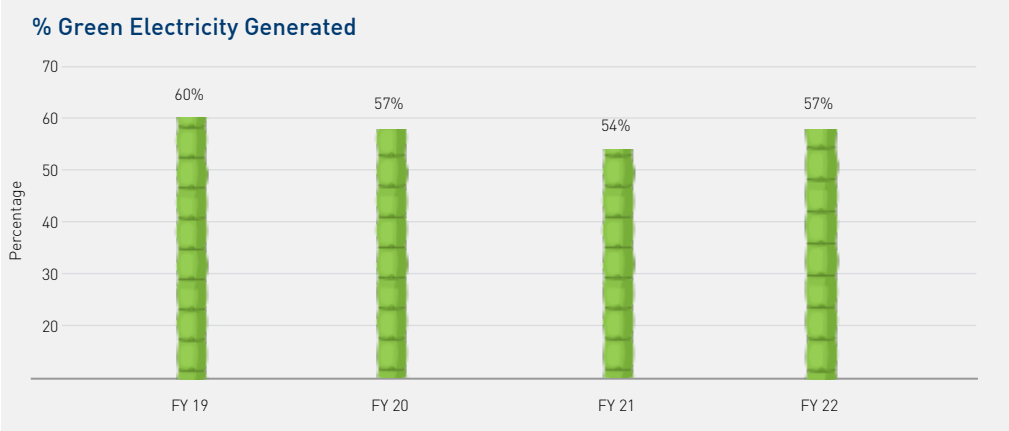
Renewable Electricity in Our Operations

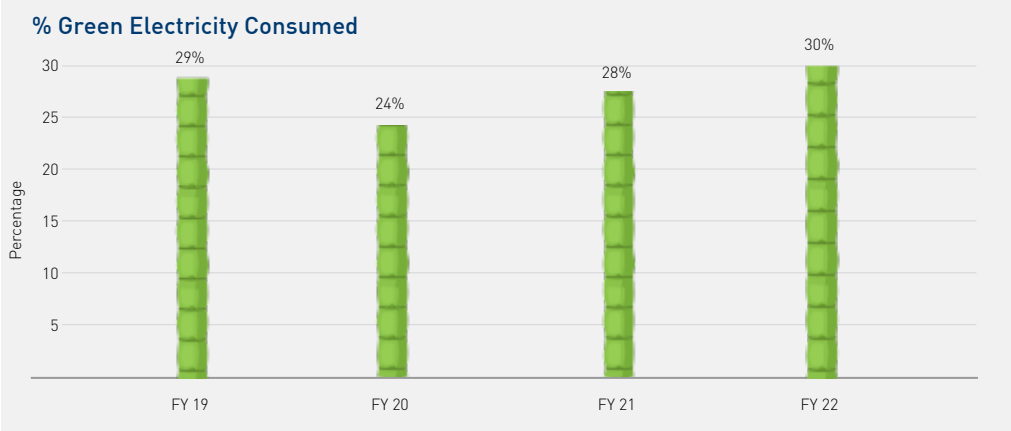


In FY22, our green energy offsets to the grid increased by more than 11% compared to FY21 due to improved performance by our mills in Mexico and Belize, most notably due to turbine replacements at both our mills in FY21 that disrupted our green energy sales. We did not, however, return to our FY19 green energy figures. We believe this to be a result of insufficient cane supply driven by the cost of inputs and land management practices preceding the FY22 crop season.

Most of the electricity that we sell to the grid is green. However, this is not indicative of the electricity we buy from utility providers, nor does it represent our own consumption of electricity. We are working with our local utility grids to increase the amount of green electricity we receive when we need to purchase electricity.

In FY22, our Plaistow and Thames facilities continued to purchase 100% green electricity from their local utilities. In addition, 60% of the electricity that the Crockett refinery in California purchased continued to be green through its participation in the Marin Clean Energy's Light Green Electricity program.



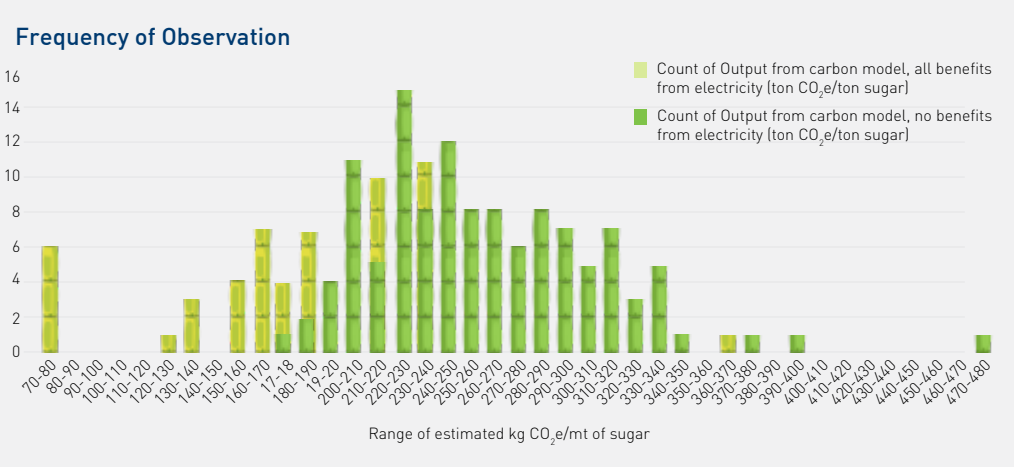


Raw Sugar Sourcing

Farm to Third-Party Mills

We've been collaborating closely with our supplying mills and shipping service providers to understand the greenhouse gas emissions generated from deliveries to our operations. We've produced a graphical model using data collected from our suppliers to represent the carbon footprint of the raw sugar's journey from farm to mill.

The model below shows two different sets of data, given the complexity and need for greater due diligence around carbon credits and claims noted in recent United Nations conferences. The first set (light green) depicts the green energy offset benefits from renewable energy production in the mills. Here, we assume that carbon credits associated with this energy generation belong to the third-party mill and are "retired" by the owning entity. The second data set (dark green) assumes that those benefits are not awarded, to avoid potential double-counting if the country were to count the Renewable Energy Credits (RECs) in its utility grid fuel mix, despite the producing mill's potential ownership. As our carbon programming continues to develop, we will validate such claims through a third party.



We are working to improve the accuracy and understanding of the associated Scope 3 emissions through further engagements and collaboration. As we develop, we will set minimum expectations on our suppliers to drive the net zero objective.

Mills to Our Refineries

Raw sugar is transported from the mills to our refineries globally in bulk, ocean-going ships. We engaged with our service providers and gathered specific information on our freight movements and the amount of fuel it takes to send raw sugar to our refineries. By understanding the shipping channels used, we can work to reduce our carbon influence where possible by minimizing distances in transit. Additional key performance indicators will be developed in future iterations of this report, and we continue to engage with our service providers to take them with us on our sustainability journey.

Raw Sugar Origins

Purchased Goods and Contracted Services

Materials Purchasing

A key component of measuring our Scope 3 carbon emissions involves understanding the impacts of our many purchased goods and contracted services. We modeled our products' total carbon footprints and within these included the influence attributable to purchased materials, process chemicals, maintenance and repair of equipment, and services.

We modeled these influences in accordance with the GHG protocol: we based our calculations on purchasing data and inventories, and converted these figures to their carbon influence using globally accepted databases or secondary data.

In the coming years, we will continue to mature these models by engaging with our suppliers, understanding where they are in their decarbonization efforts, and seeking validated primary emissions factors for more accurate business influences.

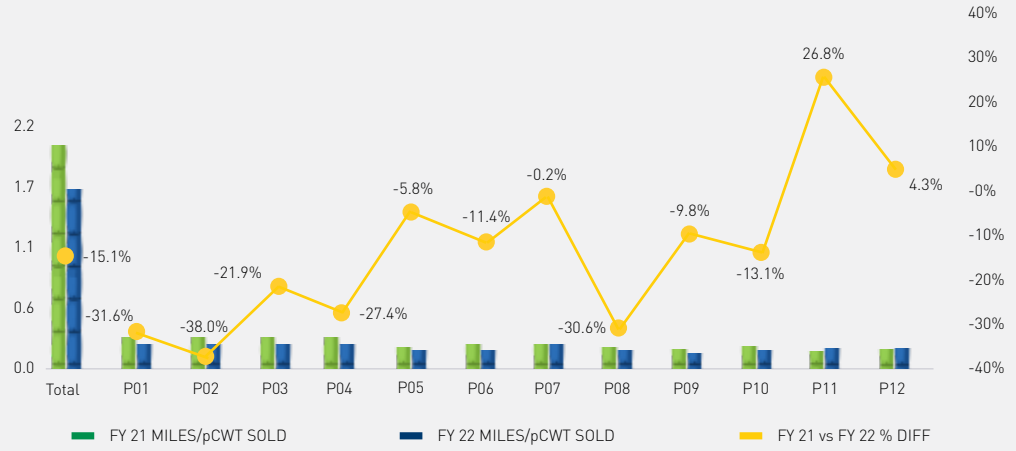
With this information, we will be able to establish purchasing guidance for our buyers based on the development of our suppliers' sustainability journeys, giving preference to those who are aligned with our vision and values.

Production Gate to Consumer

As previously noted, we have modeled the embodied carbon footprint that results from the distribution of our finished goods to our customers, as well as the post-consumer end-of-life impacts driven by the disposal of our packaging.

In line with the material procurement efforts, we will continue to mature these models: we will continue engaging with our service providers and assess where they are in their decarbonization efforts, whilst seeking validated primary emissions factors for more accurate representations of the business influences. These actions will also give us the opportunity to establish contract award guidance that prioritizes providers on a journey of sustainable development in keeping with our vision and values.

STO Miles Traveled by pCWT Sold in All Regions



*Reference: CH Robinson Freight monitoring tool

Purchased Goods and Contracted Services

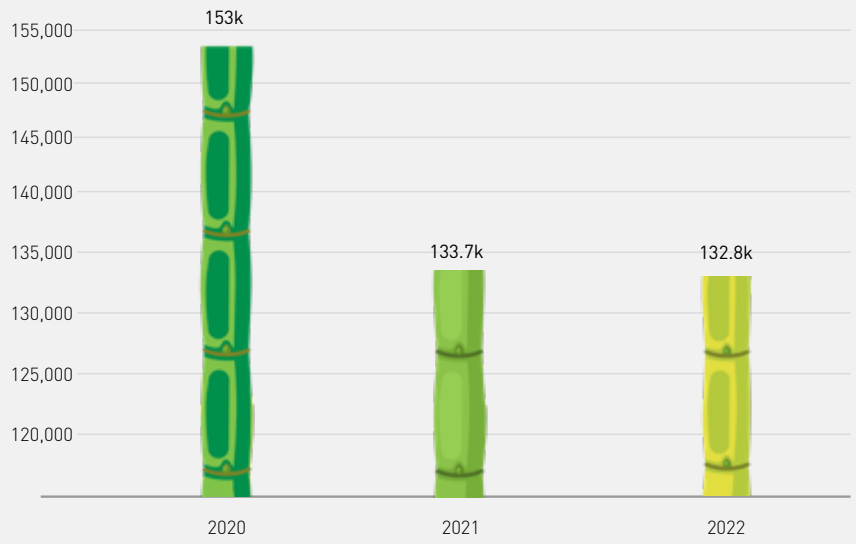
Greenhouse Gases (GHGs)

In the United States, through collaboration with select shipping partners and the EPA, we developed and advanced our GHG measuring and monitoring tool participation. Thanks to these efforts, we can distinguish our outbound sales from our internal product transfers between our own sites (Stock Transfer Orders (STO)) freight moves. Furthermore, similar tools were developed in Canada and Mexico and allow us to track our freight emissions in these regions as well.

Concurrently, we continue to work with third-party carriers, warehouses and our own facilities to reduce our products' travel mileage. Our objective is to reduce STOs by 25% by 2025, compared to our FY21 benchmark.

In FY22, we reduced our STO miles by 15% compared to FY21. This reduction is attributed to planning and route optimization: as we find more efficient routes and modes of transportation to move products, we continue to push for direct delivery destinations, favoring final destination shipments (direct to customer) instead of passing through third party warehouses.

Supply Chain Freight CO_2e



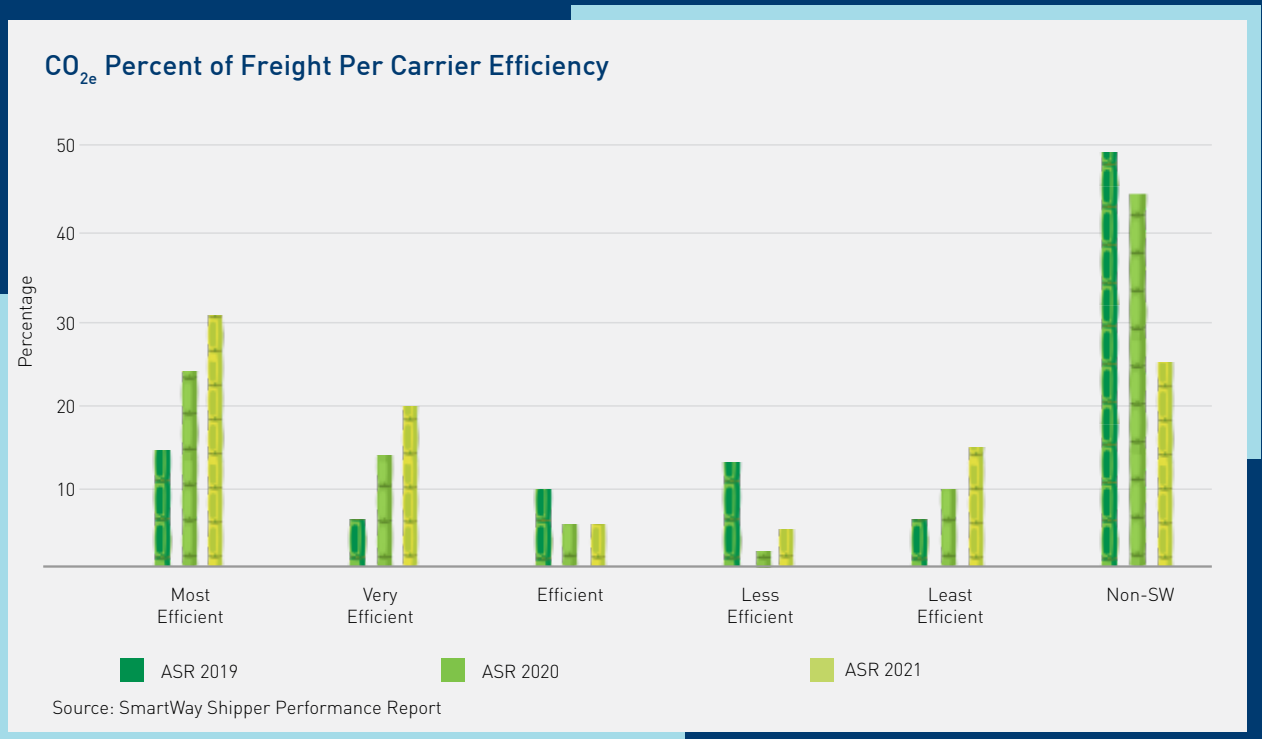
Source: BluJay Transportation System, SAP & CH Robinson Carbon Tracking Tool

Highlight Story: ASR Group Improves its EPA SmartWay Shipper Partner Status

Going into our third year participating in the EPA's SmartWay program as a shipping partner, we are pleased to announce that our performance has increased. The amount of freight we shipped through SmartWay carriers increased from 82% to 90% over the past three years, placing ASR Group above our SmartWay Partner Peers, which currently ship 87% of their freight through SmartWay carriers.

Furthermore, our carbon efficiency attributable to freight increased over these three years, as illustrated in the chart to the right. We achieved this by raising awareness of the SmartWay program to our carrier pool; as they joined the program, we have been able to benchmark and measure their sustainability efforts.

In addition, we enrolled Redpath Sugar in Canada and Ingenio San Nicolas in Mexico into SmartWay or similar programs in their respective regions. The Ministry of Environment and Natural Resources recently awarded Mexico with an excellent environmental performance rating for partnering with highly rated carriers within the Transporte Limpio program.



RESOURCE CONSERVATION AND CIRCULARITY

We will become a cradle-to-cradle company.

Our Resource Conservation and Circularity Approach

To conserve finite natural resources, we strive to use them to the best of our abilities, ensuring any waste is eliminated, reused, or recycled.

We define our Resource Conservation and Circularity strategy based on the ideologies defined by circular economy principles, where growth is decoupled from the resources used, primarily through the recirculation of natural resources. Based on our Materiality Assessment and our understanding of our processes, we have focused our efforts on three primary categories: **Water Management and Reuse, Waste Minimization and Circularity in Use, and Post-Consumer Packaging Recyclability.**

Water

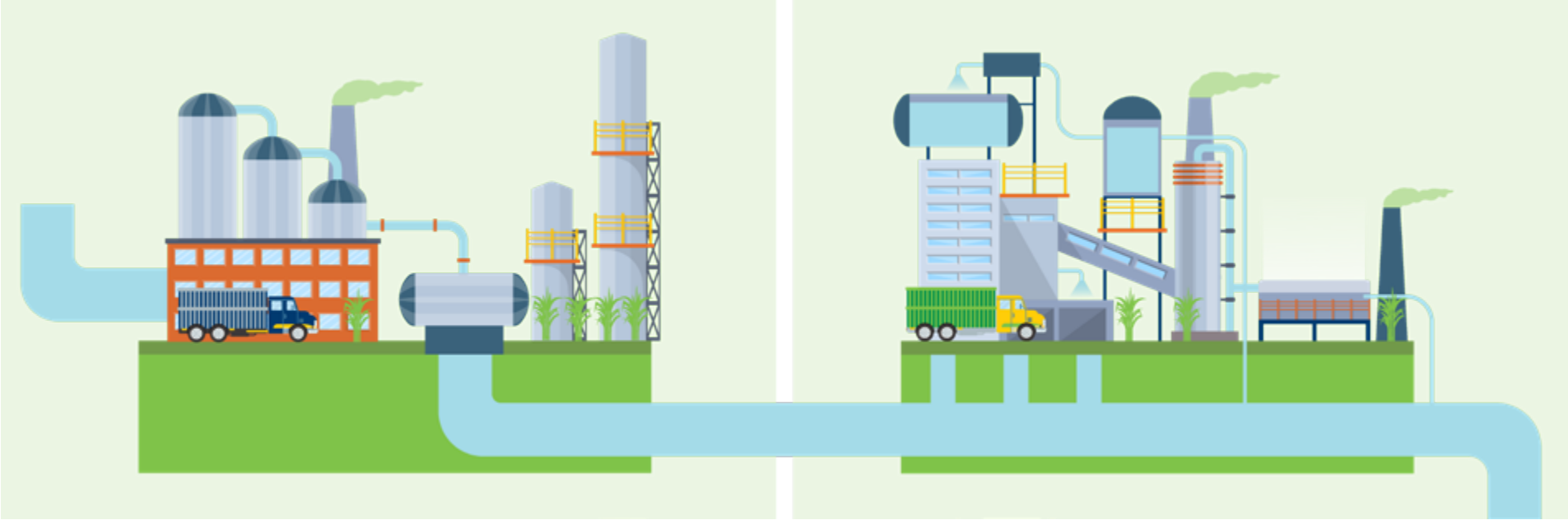
Water can enter and exit our milling and refining processes in the following ways:

Entry:

- Non-contact cooling - Surface water is used to aid in the recrystallization of sugar after filtration or extraction from sugarcane, but without physical interaction with the process.
- Multi-purpose/utility - Water purchased from our utilities is used in boilers, and for cleaning and consumption.
- Sugarcane (Mill only) - Water released from grinding the sugarcane and reused in the rest of the process.

Exit:

- Directly returned to watershed - Non-contact cooling water passes through the process without significant alteration.
- Discharged to treatment plants - Water used to clean process equipment.
- Lost to evaporation - Primarily in the form of vapor emitted to the atmosphere while moving from dissolved sugars to crystals during processing, but also from other water-based cooling systems.
- In our products - Water is found in liquid sugars and syrups.

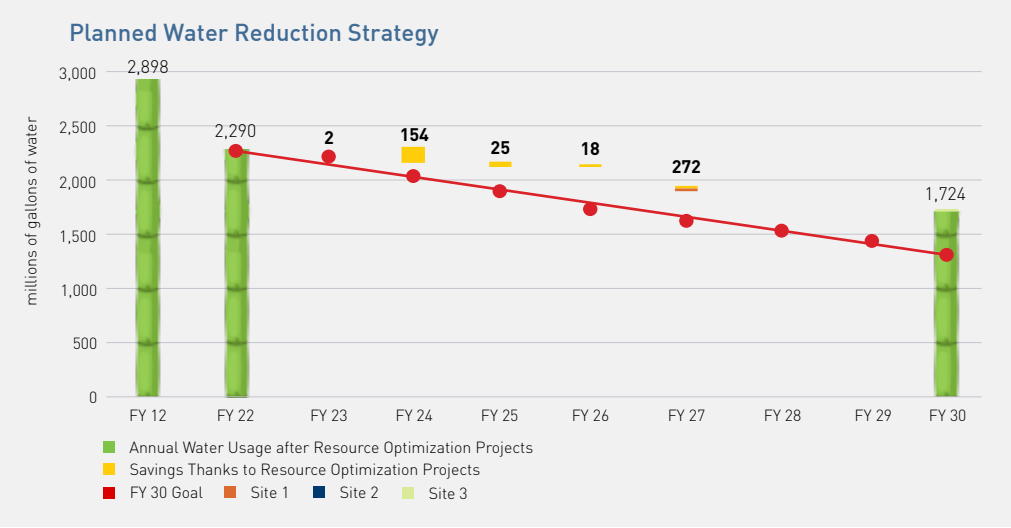


Wherever possible, we find steps along the way where we can reuse water. An example of this approach is steam reconversion into water through condensation. We will continue to develop our systems to minimize our water demand as we pursue our objectives in this area.

Potable Water Usage

We will reduce our potable water usage by 55% by 2030.

In the past, water was a secondary objective compared to carbon. Nevertheless, we made significant progress towards our water conservation goal by making changes to our refining process, notably by focusing on evaporative loss recovery. We plan on furthering this water reduction through the implementation of projects that re-evaluate and re-design our systems with a water-reduction focus. Moving forward, we will continue to refine this strategy, notably at the site level. The chart below illustrates our planned reduction strategy to reach our 2030 goal.



Future Progress

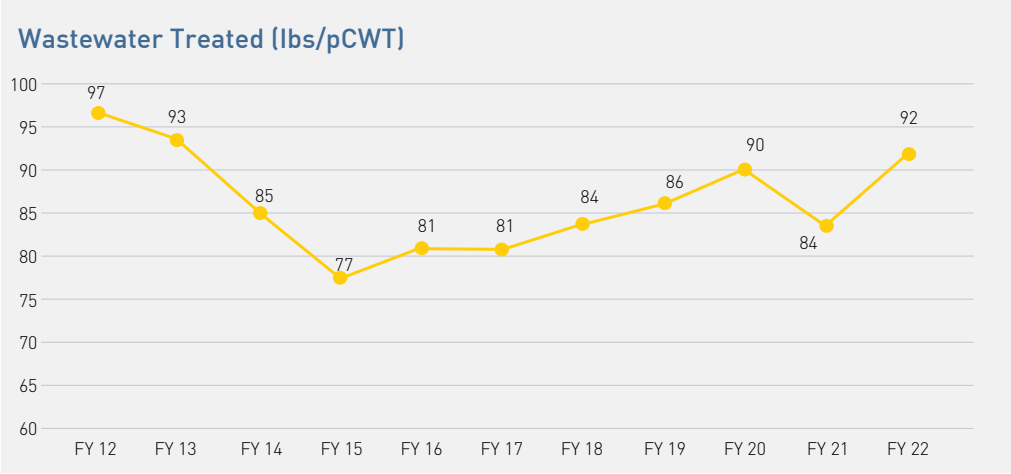
We are looking to work with The Water Footprinting Network, an organization that furthers water usage mitigation expectations beyond the boundary of a company's business units. This includes the water table, social sustainability and impacts on and mitigation of ecosystem services. We know we must seek this advice to adapt to climate change, especially working in agricultural activities. We are conducting a Water Footprint Assessment to develop our corporate water strategy and improve our water stewardship.

Wastewater Discharge

We are working to minimize our wastewater discharge. We recognize the two distinctive loops within our water processing:

- The water consumption that is tied to our evaporative loss
- The water consumption that is tied to wastewater discharges

While we haven't yet set an objective in this area, wastewater mitigation and reductions are tied to our overall water consumption targets. The trend noted below reflects our decreasing water usage and consequently reduced wastewater production.



Reducing Our Waste

We achieved 99.3% diversion from landfill across our operations with a target of 100% by 2030.

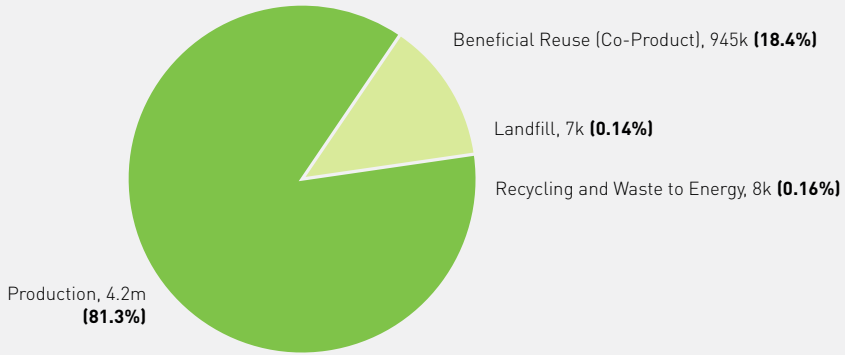
Only 0.14% of our waste is sent to landfill from our products, co-products, reuse pathways and recycling pathways.

We will go even further by minimizing our waste streams and maximizing our recycling, while ensuring our packaging and post-consumer materials are reusable, recyclable, or compostable. We already monitor, recover, and reuse our biomass, as well as most of our heat and water systems. However, we know there is always room for improvement. Our traditional waste streams are now viewed as by-products - all renewable and non-renewable materials will have a new life through reuse, repurposing, or recycling.

We conducted a detailed analysis of our FY22 waste profile.

The waste we produce accounts for only 0.30% of all materials that leave our facilities. This waste is composed of materials directed to landfills, recycling and converted to energy. Our production accounts for 81.3% of our outbound materials, while beneficial reuse or co-product pathways make up the remaining 18.4%. This segmentation is depicted in the following graphic:

FY22 Outbound Material Usage



Reducing Our Waste

In many cases, further reducing our waste requires collaboration with local service providers as well as improvements to the local, regional, and national waste infrastructure. Through collaboration with our waste management providers, we are working to gain better visibility on bulk waste contributions such as mixed commercial industrial waste.

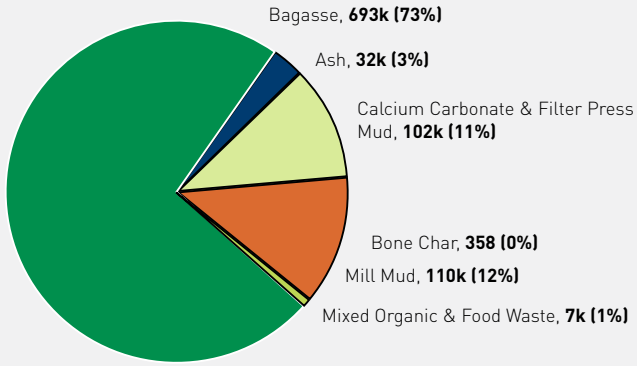
Our approach will divert landfill disposals toward recycling pathways, while reducing both recycling losses and landfill losses.

Our data has improved in granularity thanks to our collaboration with our waste management providers since our initial efforts began in 2012. The following graphics display the FY22 results of our beneficial reuse pathways, recycling, and landfill losses.

Solid Waste – Wasted Resource Minimization

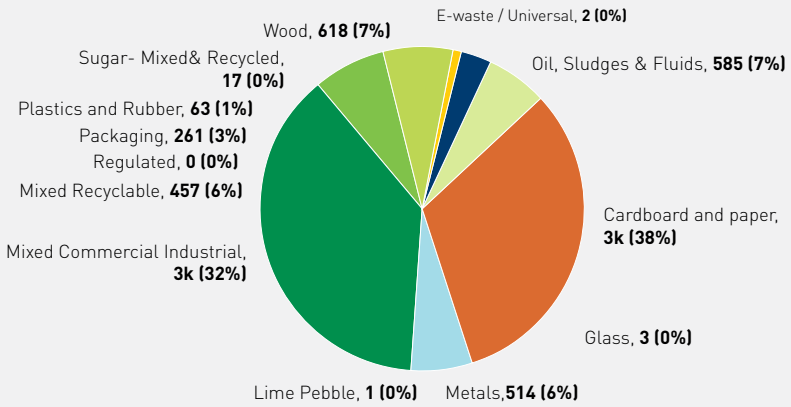
We aim to reduce our total solid waste stream, normalized to production[5] by 25% by 2030 compared to FY21, while pursuing and maintaining our zero-waste-to-landfill accomplishments.

Total Beneficial Reuse Reported - 945k MT

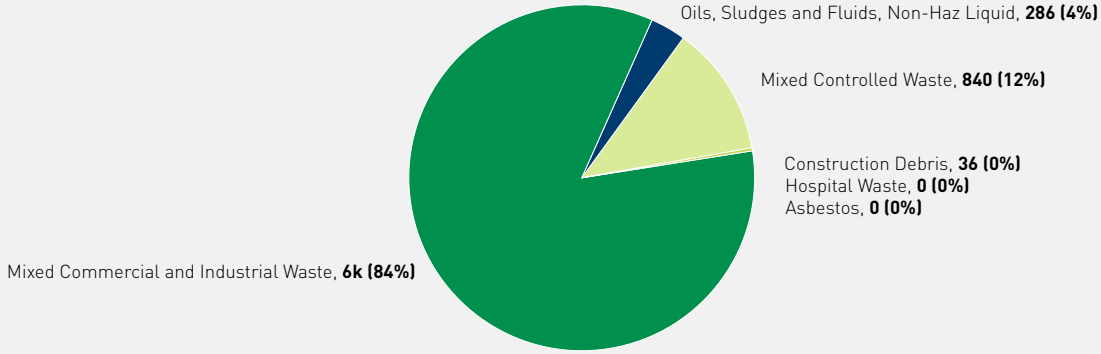


FY21 reporting had data gaps; numbers stated did not include all mill mud.

Total Recycling Reported - 8.4k MT



Total Landfill Reported - 7.1k MT

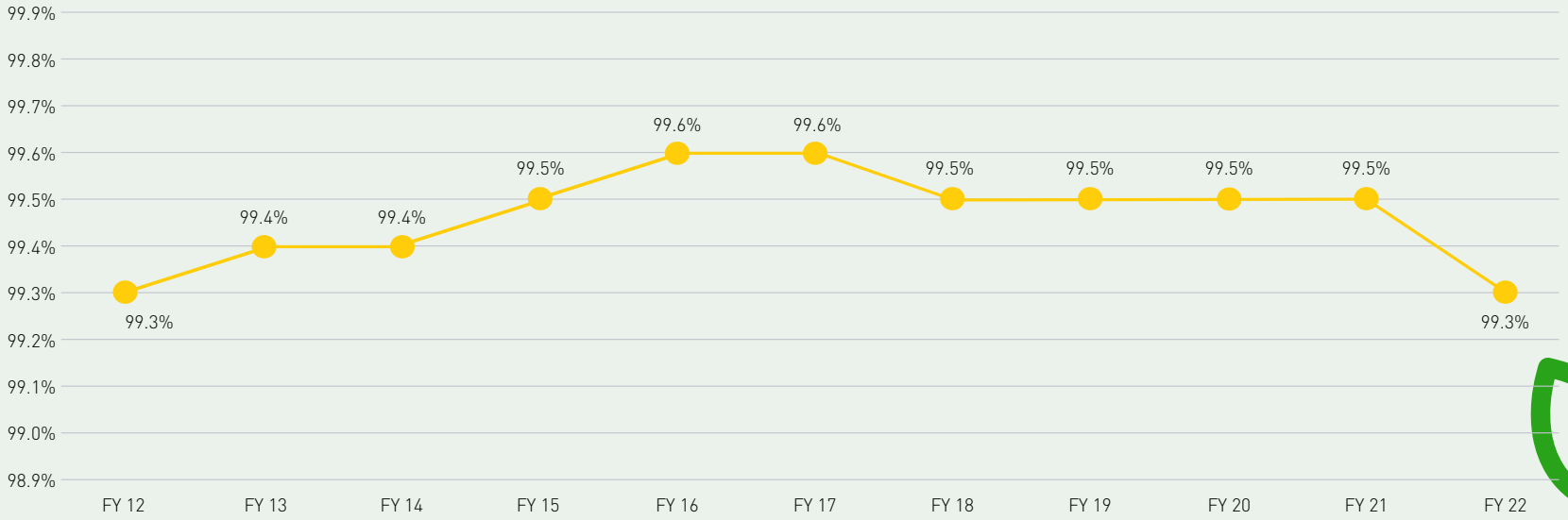


[5] Excluding land applied/beneficial reuse muds and ash.

Company-Wide Recycling and Waste Effort

We have devised a roadmap that will move us closer to reaching our goals. The focus is on improving our data granularity to identify opportunities for improvement, and on designing and implementing projects guided by the "Zero Waste Hierarchy." Moving forward, we will continue to refine this strategy, with the support of our site-level teams and our service providers.

Percent Diverted from Landfill



Highlight Story: Our Ship Donation Becomes Belize's Biggest Planned Dive Wreck Site and Reef Enhancement Project

ASR Group donated the concrete ship affectionately known as "The Wit" to the Turneffe Atoll Sustainability Association (TASA) to contribute to Belize's reef enhancement project and gift the country its new biggest planned dive wreck site.

The ship was initially used as a floating transfer station to transport supplies around the U.S. Gulf Coast and Eastern Seaboard during World War II. It was decommissioned after being used by our company for decades as an offshore, floating storage facility for molasses for export.

The Wit was submerged to the ocean floor and is now Belize's largest wreck dive and reef enhancement project. Cemented in the country's underwater landscape, the wreck will draw the attention of international divers and snorkelers, as well as create a natural, protected haven for Belize's vibrant wildlife.

"It is the hope that The Wit, Turneffe will relieve stress on natural reef habitats while providing an exciting alternative wreck dive destination," said Executive Director of TASA Valdemar Andrade.

Over the years, it is expected that marine flora and fauna will fill the walls, rooms and cabins and create a truly unique dive experience.

TASA, with support from Blackbird Caye Resort, the Ministry of Blue Economy & Civil Aviation and the Ministry of Tourism & Diaspora, will manage the site. Funds collected via park entrance fees will assist in financing TASA's operations costs and other programs in the Turneffe Atoll Marine Reserve.

Highlight Story: Waste Reduction a Growing Part of Sustainability Culture at the Belleville Plant

As our Belleville, Canada plant continues to advance its Efficiency & Sustainability, employees are finding more opportunities to reduce waste, including through increased recycling and diversion to landfill. A growing number of waste mitigation efforts are being driven by employees at all levels of the plant who are looking to make a positive difference for the planet.

When a Maintenance Manager was looking to clear out old office furniture from the maintenance department and shop, he reached out to a company we work with that specializes in waste divergence, which identified that our fifteen office chairs, two old desks, office partitions and a filing cabinet could be donated to Habitat for Humanity, a global nonprofit affordable housing organization. Our old furniture is now getting a second life and making a positive difference in our community and environment as it becomes a part of the circular economy. Habitat for Humanity also operates reuse stores to sell donated building materials and furnishings, such as our office furniture, at an affordable price. Proceeds benefit Habitat's efforts to build and repair homes to provide affordable housing to families.

Highlight Story: Avoiding Waste through Inter-refinery Exchanges

In 2019, the company completed its transition from using two-ply paper to single-ply paper for all 4-lb bags in the U.S. and Canada. While the conversion enhanced our efficiency and sustainability by saving hundreds of thousands of pounds of paper each year, it created a challenge for one of the Yonkers Refinery's packaging machines, which made sealed bags more prone to leaks. By replacing its old equipment with a new machine from our Crockett Refinery, the plant has not only resolved this issue but also increased its production and improved Service Excellence to our customers.

The old machine was not able to effectively adapt to the new-technology infeed for our single-ply paper. Due to changing marketing conditions on the West Coast, the Crockett Refinery was no longer using the machine in question. The Yonkers Refinery decommissioned its old equipment and installed the new machine from Crockett in its place.

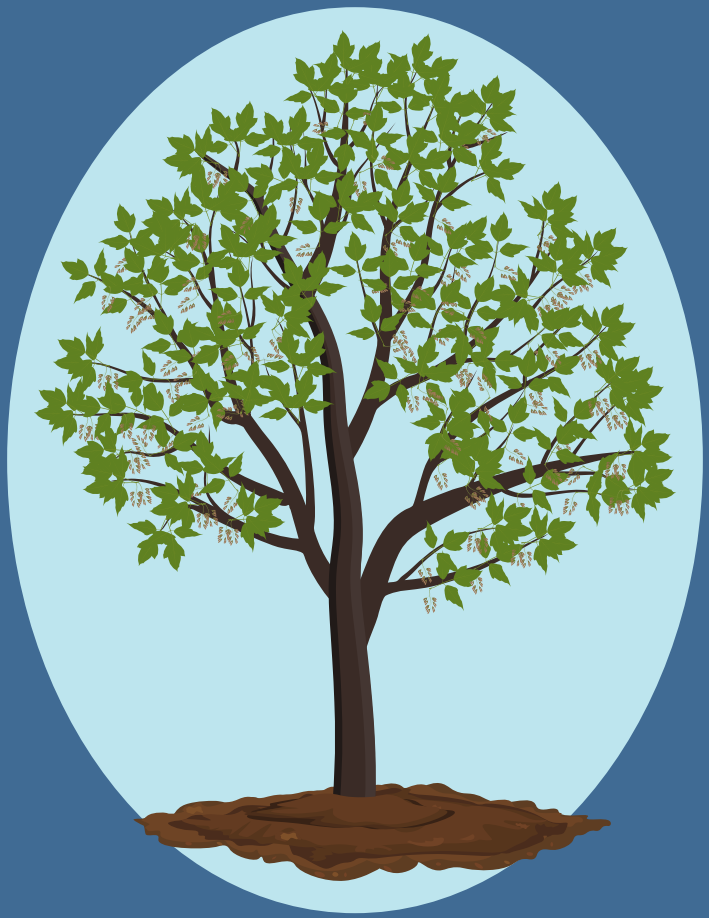
In addition to preventing leakage on the 4-lb bags, the machine is expected to increase the Yonkers Refinery's output of 4-lb bags an additional 10,000 bags per shift, eliminating its reliance on another older line which also produces 4-lb bags.

Highlight Story: Sustainable Partnership Helps Plant Thousands of Trees

Our ongoing partnership with HGi Technologies continues to drive Efficiency & Sustainability throughout the company. HGi Technologies, an independent, family-owned office equipment dealership, in business for more than 100 years in South Florida has served as a supplier for decades.

HGi Technologies partners with PrintReleaf, a patented software platform that aims to empower businesses to sustain and grow our global forestry system one print job at a time. As a PrintReleaf Platinum Partner, HGi Technologies serves the companies it supplies through an in-house sustainable program to plant trees based on the number of pages its customers print.

For every 8,033 pages printed by an HGi Technologies customer, a tree is planted. To maximize the number of trees planted, printers across our company are now set to print double-sided by default, as each side of paper printed counts toward a tree. Since joining PrintReleaf in 2020, HGi Technologies customers have collectively offset the equivalent of 566 million letter pages of paper consumption by reforesting 67,900 trees.



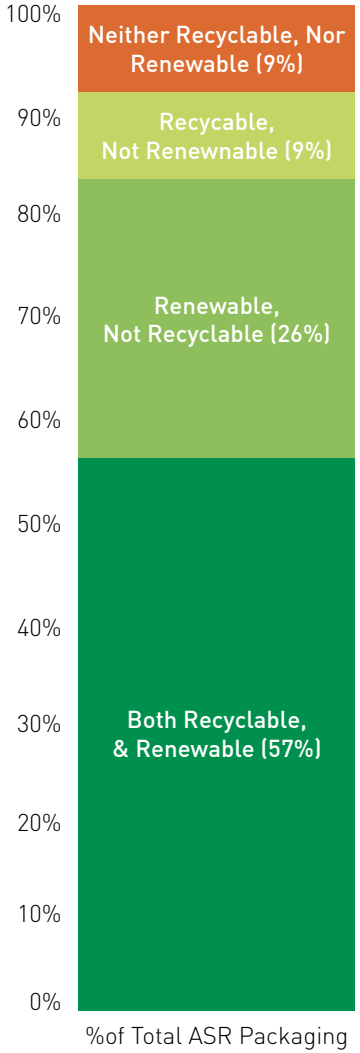
As of today, HGi Technologies has planted more than 1,900 trees to offset 17 million sheets of paper used by the company.

In addition to sustainably replenishing trees when paper is used, we ensure that our copiers do not end up in landfills through HGi Technologies' partnership with Ricoh. When a copier can no longer be used, it is sent to the Ricoh recycling center, where the machines are disassembled and the parts are refurbished for other machines or made into new equipment. This process contributes to Ricoh's goal of creating a circular economy while also ensuring there is zero waste to landfill on our copiers.

Moving forward, we are also working to reduce the use of paper in our offices by limiting the number of personal printers. Instead, employees are encouraged to use the larger copiers that are strategically placed throughout our offices.

Reducing Our Packaging

Through the packaging sustainability program launched in FY18, we pursue the sustainability of our products against the following three pillars:



1. Sustainable Packaging:

This initiative aims to ensure that 100% of packaging will be reusable, recyclable or renewable by 2035, with faster timelines in some regions.

We are pleased to report that as of the close of FY22, 91% of our packaging by weight met this assessment across the United States, Canada, Mexico and Europe.

We are proud members of the how2recycle® and on-pack recycling label (OPRL) labeling programs, and have significantly expanded recycling communication in FY22 on our Domino®, C&H®, and Florida Crystals® packaging in the United States, and on our Tate & Lyle® packaging in the United Kingdom.

In FY22, we further developed the following initiatives to advance our packaging sustainability program:

Initiative	Estimated Result	Impacted Regions
Recyclable Large Paper Bags	Continued work through FY22. Anticipated project completion FY24. Estimated Impact: 4,600 MT Converted from Non-Recyclable to Recyclable	United States, Canada and United Kingdom
PCR[6] for PET[7] Plastic	Continued work through FY22. Anticipated project commissioning FY23. Estimated Impact: Introduction of 67 MT of PCR content (Average 25%)	United Kingdom
Retail Plastic Bag Structure Change	Continued work through FY22. Anticipated project completion FY24. Estimated Impact: 89 MT Converted from Non-Recyclable to Recyclable	United Kingdom

[6] PCR: Post-consumer recycled
[7] PET: Polyethylene terephthalate

Reducing Our Packaging

2. Material Reduction:

Packaging represents only 2% of the net weight of our products, which is very low compared to other categories in the food industry. Nevertheless, we continue to look for thinner, lighter, stronger materials to limit/reduce packaging use and waste.

In FY22, we launched the convenient new Domino® Easy Baking Tub, which is made using 28% less plastic than the previous round canister and is lighter and easier to transport. By switching packaging containers, we eliminated the non-recyclable tamper evidence lidding film, replacing it with a tamper evident pull tab integrated into the tub closure.

3. Minimize Carbon Footprint:

To reduce our CO_2 emissions and energy consumption we continue to identify opportunities to improve our inbound supply chain and implement innovative packaging production processes.

We also started developing a 1.1-ton bag as a replacement to our 1-ton bag, which could result in savings of 6 MT of bags and 18.2 MT of carbon emissions per year.

Government-mandated programs in countries like Canada and the United Kingdom require producers to pay for the waste handling of their packaging, so we know we must focus on the post-consumer impact in the coming years.

SUSTAINABLE AGRICULTURE

We are committed to implementing the most innovative ecological practices.

Our Sustainable Agriculture Approach

Our products come from the earth and are returned to the earth.

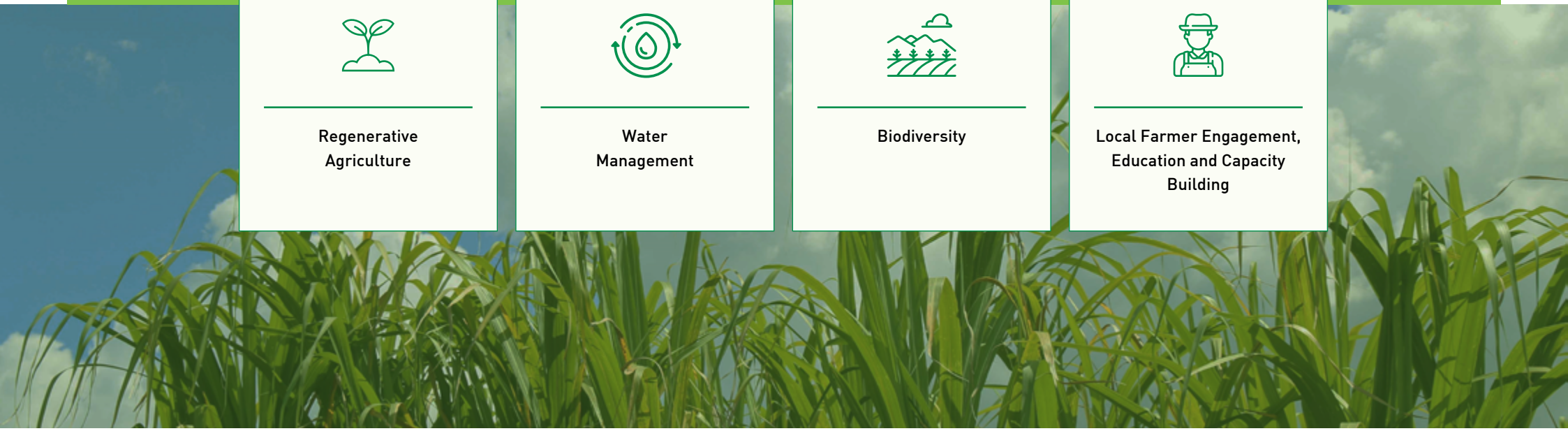
Our business grows from one of the Earth's most environmentally friendly crops. Sugarcane is a perennial grass and regrows for many years in its crop cycle before replanting is necessary. This means once the roots take hold, they stabilize and conserve soil over many years, unlike crops that require annual land preparation. Importantly, sugarcane, as a "C4 plant species", also captures and stores considerable quantities of carbon both within the soil and above it.

We buy raw sugar from mills all over the world that source their own cane from different types of farms; and we also farm our own sugarcane to supply our mills in Belize and Mexico. As farmers across the world have known for generations, taking care of the land and reducing environmental impact protects resources and reduces costs in the long term. On our own farms, we strive to define and go beyond standard industry best practices.

Where we have direct control of our farmland, we invest and innovate, and where we have indirect influence, we share knowledge to support and empower our partners to make the same necessary changes. We continue to adopt best practices to care for our land and surrounding ecosystems and empower suppliers to adopt farming practices that do the same.

Within our operations in Belize and Mexico, we continue to refine our Sustainable Agriculture programming, focusing on four key areas:

- **Regenerative Agriculture**
- **Water Management**
- **Biodiversity**
- **Local Farmer Engagement, Education and Capacity Building**



Our Sustainable Agriculture Approach

During FY22, ASR Group's farming teams collaboratively studied these topics – Regenerative Agriculture, Water Management, Biodiversity, and Local Farmer Engagement, Education and Capacity Building – to devise the necessary sub-programs within each of these focus areas. The goal was to not only understand what practices would ensure farms' and ecosystems' health, but also to define the necessary key performance indicators (KPIs) to track improvements.

We understand that some of these KPIs will require both extensive modeling and ground sampling or truthing to validate long-term positive changes in biodiversity and soil health. Despite these difficulties, program development participants embraced the challenge with excitement and passion. We are also discussing with our customers their sustainability requirements to ensure these are incorporated into our practices, while simultaneously defining best international standards with NGOs, such as The Nature Conservancy.

As these programs mature, our objectives and targets will be established and shared in future reports. Some of our current and developing sub-programs include integrated pest management, "climate-smart" sugarcane varieties, owl boxes, reforestation planning and wetland preservation mapping, crop rotation pilot plots, green cultivation, soil testing and baseline data analytics, carbon asset development studies, water management and tracking efforts, and capacity building for local farmers in collaboration with local NGOs.

As our work extends, we intend to measure, monitor and record soil carbon sequestration, and collaborate with well-defined Voluntary Carbon Credit markets to provide tangible evidence for our future carbon mitigation claims.

As a precursor to this plan, we are actively engaging with governments and experts to aid in legislative development – predominantly in Belize – to ensure the preservation of a supportive climate.

Highlight Story: Mexico Agriculture Team Pilots Sustainable Farming Practice to Revitalize Soil

Our Mexico agriculture team launched a successful trial to revitalize the soil by growing several crops simultaneously—in this case, sugarcane and legumes—on the same plot of land. After a successful first phase of the trial in late 2021, the practice—called meiosis, or intercropping—is now underway on another plot of land.

The main objective of the program is to regenerate the soil. The legumes, including beans and Crotalaria, help fix nitrogen from the atmosphere into the soil, which helps aerate the soil through its taproot and adds organic matter such as carbon and nutrients back to the soil.

This is especially important because in Mexico where only a small amount of the soil is organic (composed primarily of broken-down plant matter), the vast majority is sediment and silt.

Not only will increasing the carbon concentration in the soil make it healthier; it also helps improve crop yields and prevents erosion.

By revitalizing the soil, intercropping also helps deter pests and weeds. By promoting a healthy seedbed, this sustainable practice allows us to continue planting on that same plot, minimizing seed transportation costs and optimizing the labor involved.

The Mexico agriculture team is planning for the future, as sustainable farming practices such as meiosis become increasingly popular for their environmental benefits and for potentially lowering the cost of planting. Ultimately, the team plans to teach smallholder farmers in our farming region how to regenerate the soil through intercropping, helping spread this best practice and promote soil health throughout the region.

SUSTAINABLE AND ETHICAL SUPPLY CHAIN

We seek to protect both our natural assets and the diverse communities that farm, mill and refine cane sugar all over the world.

Our Raw Sugar Ethical Sourcing Process

We aim for 95% of our raw sugar to be sustainably sourced by 2035.

So far, our Redpath Sugar operation in Canada and Sidul Açucares in Portugal have already achieved 100% sustainably sourced raw sugar.[8] Our goal is to refine only sustainably sourced raw sugar globally.

We are also expanding our ethical sourcing efforts to other supply chains beyond raw sugar.

As the leading cane sugar refiner in the world, we recognize our potential social and environmental impact. We strive to make sure all processes throughout our supply chain are conducted ethically and sustainably, with people and planet in mind.

To hold ourselves accountable to this, we make our Ethical Sourcing Policy, Code of Ethics and Business Conduct, and Supplier Code of Conduct publicly available on our website and require our own and our suppliers' operations to undergo third-party social audits to understand and address any health, safety, environmental, labor, and human rights issues. The following sections provide further detail on how we work towards an ethically responsible and environmentally sustainable supply chain.

In the UK, an Autonomous Tariff Rate Quota of 260 thousand tons for raw cane sugar was announced as part of the UK Global Tariff to apply for 12 months from Jan. 1, 2021, with an in-quota rate of 0%. Tate & Lyle Sugars committed to only buying sustainably certified sugar under this ATQ. We have acted in line with this commitment, and it has significantly increased the certified origins volume of sugar purchased by Tate & Lyle Sugar.

Many of the sugar-producing countries where we buy raw sugar are developing countries. These often have challenges in common, such as widespread poverty, low education levels and little or no social support for vulnerable people. The sugar industries in the countries that supply us are often the backbone of the local communities and play a significant role in the local economies. We recognize that buying from sugar producing companies in developing countries brings specific risks and responsibilities. As a major buyer of raw sugar, we strive to use our scale to eliminate unethical practices while building capacity at the local level to support these communities.

Our Sustainably Sourced and Ethically Grown commitment means we aim to ensure our raw sugar comes from suppliers who are independently assessed by third-party experts against reputable, internationally recognized social standards to verify they are upholding our values.

[8] See definition on following page

Ethical Sourcing Criteria

Adopted 12 years ago, our ethical sourcing process focuses primarily on our raw sugar supply chain; although, we are now starting to expand our efforts to other supply chains. This process involves various components to ensure our third-party raw sugar suppliers comply with adequate ethical and environmental standards.

- All our raw sugar suppliers are required to adhere to our Ethical Sourcing Policy and Supplier Code of Conduct. These policies are based on International Labor Organization (ILO) standards and international conventions on child labor, modern slavery, land use, environmental protection, and others.
- Suppliers are asked to complete self-assessment questionnaires (SAQs) annually using the Supplier Ethical Data Exchange (Sedex) platform to evaluate their compliance with our Ethical Sourcing Policy. Sedex provides an electronic system for collecting and analyzing information on ethical and responsible practices along supply chains.
- We encourage certification against internationally recognized social and environmental standards such as ProTerra, Bonsucro, SAI, and Fairtrade. In addition, many of our suppliers are independently audited through verification audits against ProTerra, a standard that seeks to address the main challenges linked to agricultural production in developing countries. We strive for all our raw sugar suppliers to be assessed against an internationally recognized certification scheme and a further objective will be that all become certified.

Raw sugar is considered "sustainably sourced" if it meets one of the following:

i. Has been certified by Bonsucro, Proterra or Fairtrade and all chain of custody requirements have been fulfilled.

ii. Has been certified by the Farm Sustainability Assessment (FSA) or any standard benchmarked by FSA in conjunction with an audit report of the mill dated within the prior 12 months against the SMETA (4 pillar) standard.

iii. The supplying mill has been assessed against the Proterra Verification standard. This sugar will be paired with Bonsucro credits. We aim to minimize the use of this rule where this is reasonably feasible, practically and commercially.

Remediation and Support

Our social auditing program provides insight on the risks in our raw sugar supply chain, allowing us to define our remediation efforts accordingly. Suppliers found to be non-compliant with social and environmental audit criteria are required to submit a Corrective Action Plan (CAP) with a specific timeline for completion. We ask suppliers to examine the root cause of non-compliance and to assign a team responsible for implementing corrective action.

To tackle some of the challenges that we face in building an ethical and resilient supply chain, we collaborate with financial institutions and non-governmental organizations, such as the Inter-American Development Bank, Proforest and Fairtrade International, as well as our direct customers.

Over the past three years, we've introduced programs in Mexico, Belize, and the Philippines, with the help of some of our customers, to promote agricultural best management practices, prevent and eradicate forced and child labor, foster health and safety in the workplace, and offer financial support to the communities in which we operate.

Some of these projects include the:

- "Learn to Grow" program in Belize and Mexico with The Hershey Company.
- Responsible Sourcing from Small Landholders in the Philippines Sugar Sector with Nestrade S.A. (Nestlé) and Proforest Ltd.
- Women Farmers Field School in Belize as part of the partnership between BSI and The Hershey Company.

All of these programs are aimed at enhancing sustainability and supporting the livelihoods of small landholders in the sugarcane industry. These programs are detailed next.

Highlight Story: "Learn to Grow" with The Hershey Company in Mexico – Reducing Extraneous Matter Improves Cane Quality

Launched in FY17, the "Learn to Grow" program aims to improve livelihoods of rural sugarcane farmers near our operations in Belize and Mexico. We have continued to see great accomplishments in the years since the program was first initiated, with notable program growth in Mexico.

In Mexico, "Learn to Grow" focused on engaging local farmers that supply our Ingenio San Nicolás (ISN) sugar mill to develop and apply sustainable harvesting practices. The program targeted 2,650 farmers and farm workers from FY20 to FY22, helping them improve their cane quality by 49%. Emphasis was placed on reducing extraneous matter – sugarcanes' tops, leaves, roots, and stumps, as well as soil and dry cane – that is not utilized and can slow the sugar milling process. The program introduced technical and safe labor practices to cut, load, transport and deliver sugarcane to the mill through ongoing educational programs based on internationally recognized environmental and social standards, such as Bonsucro and Proterra. Two points that were highlighted during the program were the correct use of personal protective equipment (PPE) and child labor prevention. Participants received booklets to facilitate continued learning after the completion of the "Learn to Grow" program.

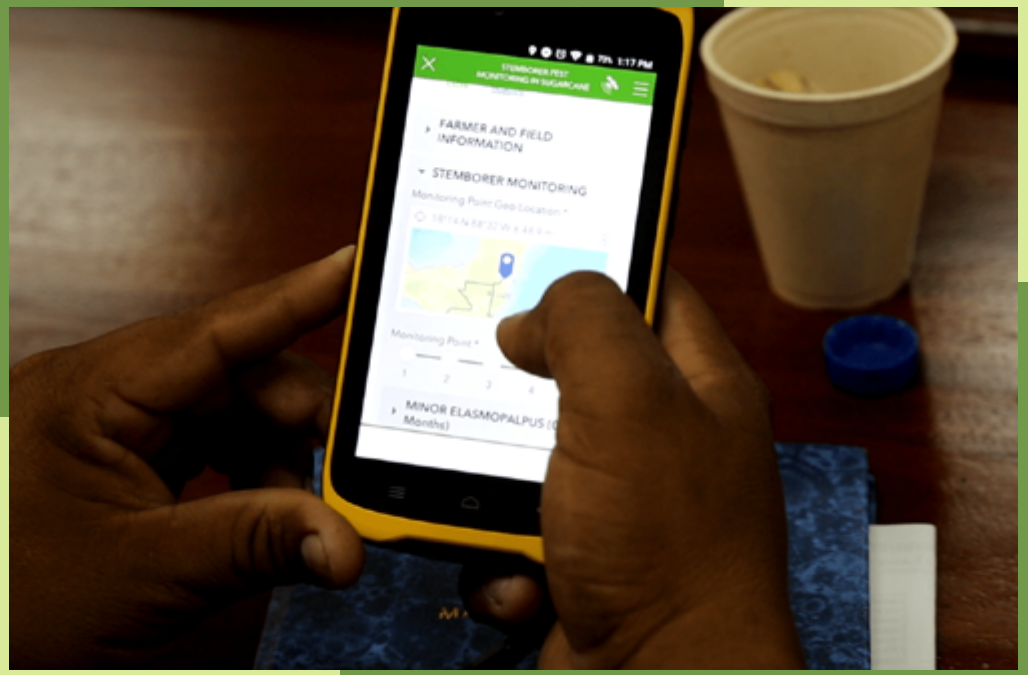
Technical facilitators conducted extensive cane quality sampling to demonstrate extraneous matter reduction over time. They conducted the sampling by area to better adapt the training to the different locations' conditions. Improved cane quality thanks to extraneous matter reduction during the three-year program resulted in $1.7 million of total financial benefits that were distributed among the participating farmers.

Highlight Story: "Learn to Grow" with The Hershey Company in Belize – Mobile Application Helps Farmers Stay Alert of Pests and Weather Patterns

In Belize, the "Learn to Grow" program continued to expand on its initial successes. By the close of FY22, the program benefited roughly 2,560 farmers, monitored more than 1,000 hectares of sugarcane fields for pests, reduced pesticide use by nearly 3,000 kgs, and saved farmers a total of $389,000.

The new Farmers Alert App for Pests and Weather, a mobile phone application that was under development in FY21, provides climate change resilience information to sugarcane farmers surrounding our Belize Sugar Industries (BSI) sugar mill, helping farmers plan for weather incidents and pests. The app provides pest alert data, mill information, climate, and historical forecasting information, as well as an interactive section in which farmers can ask questions and request assistance from technical officers. A youth tech coaching program was implemented to teach the "Learn to Grow" participants how to use the app effectively.

Several "Farmer Field School" sessions were conducted with farmers whose fields contain pest monitoring sites that provide data for the Farmers Alert App. The sessions bring together neighboring farmers to learn through practice and share knowledge amongst each other. This year, several training sessions focused on biological pest control to avoid synthetic chemicals usage. The program included biological controls demonstrations in more than 600 hectares, that helped reduce the use of more than 7,000 kgs of chemicals and saved roughly $73,000.



The information collected through pest monitoring during the "Learn to Grow" program was presented to cane farmers and local organizations during the first-of-its-kind Sugarcane Pest Symposium in May of 2022. The Organismo Internacional Regional de Sanidad Agropecuaria (OIRSA) and the Belize Sugar Industry Research & Development Institute (SIRDI) also attended and discussed the importance of biological pest control.

Highlight Story: Responsible Sourcing from Small Landholders in the Philippines Sugar Sector (RSS)

In FY18, we became a funding partner, along with Nestlé and Proforest Ltd. ("Proforest"), of the Responsible Sourcing from Small Landholders (RSS) program in the Philippines Sugar Sector. The aim of this multi-stakeholder initiative is to address smallholder sugarcane farmers' sustainability risks and livelihood needs in the Philippines province of Negros Occidental, the largest sugar-producing region in the country.

The Philippines Sugar Industry Foundation, Inc. (SIFI) is the program coordinator, and it implemented RSS with three sugar mills: Hawaiian-Philippine Company, Victorias Milling Corporation and Lopez Sugar Corporation. The program addresses child labor risks, personal protective equipment (PPE) use, agricultural best management practices (cane residue handling, cane harvesting and soil management), as well as alternative livelihood support and income diversification.

As of the end of FY22, the program has greatly progressed since its commencement in FY18. In total, the RSS program has benefited more than 4,000 small farmers within 100 Agrarian Reform Beneficiary Organizations (ARBOs); this represents nearly 60% of all small farmers in the Northern Negros region. In FY22 alone, the program actively provided roughly 1,600 farmers with resources and technical assistance.

Farmer participation decreased between FY21 and FY22 from 70% to 60%, but this was due to ARBOS' mill supply preferences. Farmers' cane supply to mills varies based on various factors, including the desire to become independent from the ARBO, the decision to lease plots to more prominent planters instead of managing the plots themselves, and occasionally due to different management styles. The percentage of ARBOS participating in the program fluctuates.

Highlight Story: Responsible Sourcing from Small Landholders in the Philippines Sugar Sector (RSS), continued

The RSS program also collaborates with the Integrated ARBO Child Labor and PPE Program and Services (IACAP). During training sessions to ARBOs that were identified as having the highest risk of incorrect PPE use, the IACAP, alongside a local university, distributed hundreds of PPE sets for manual cane harvesting and shared best practices. The IACAP also focuses on capacity building for their "Child Rights Advocates." These "frontliners" of the RSS program are a key resource when it comes to engaging with farmer organizations on preventing child labor.

Within the RSS, the PAGSIK Incentive Program continues to support local farmers through the provision of personal vegetable garden training, gardening tools, and cash incentives. The gardens provide a source of food, an opportunity for additional income and new farming skills such as composting.

Another initiative within the RSS program is the Comprehensive Assistance to Smallholders (CASH) for Farm Productivity Program. CASH continues to help small farmers build their farming skills by providing trainings on soil fertility, integrated pest and nutrient management, and regenerative agriculture, with a new focus on green manure. Farmers participating in the trial learned how to grow mung beans and to till them back into the soil to provide nutrients for the sugarcane crop.

This year, the sugar mills supported small farmers participating in the RSS Program through numerous channels: they distributed high-yielding sugarcane varieties, provided technical training to produce and apply organic fertilizers, and conducted soil analyses.

In FY22, ASR, Nestle and Proforest won the Best Social Sustainability Initiative by the Bonsucro Inspire Awards. "Taking action on salient human rights risks in our supply chain is a shared responsibility. Projects like this mark an essential step toward creating positive social and economic impact and shared value in our value chain. The strong partnership among stakeholders has enabled a perfect climate for the continuous success and benefit to the most vulnerable farmer communities working in the sugarcane industry in Negros in the Philippines," said Rafael Vayá, VP, Corporate Social Responsibility - ASR Group.

Highlight Story: Women Farmers Field School in Belize as part of the partnership between BSI and The Hershey Company

Cane farmer field school is not a new concept, but BSI decided to give the idea a twist and run a farmer field school specifically for women.

Roughly 5,000 cane farmers are registered to deliver cane to our BSI sugar mill in Belize. Around 2,000 of these farmers are women. Traditionally in Belize, land owned by women is managed by their husbands or other family members. However, in a survey conducted in 2018, BSI identified interest among some women in increasing their cane farming knowledge and, in particular, the business side of growing.

"We want to make sure women cane farmers' yields are good and their costs are under control, so that they are able to make a good profit out of good productive fields," said BSI Cane Farmer Relations Manager Olivia Carballo Avilez.

The Hershey Company-funded program uses the same methodology as the traditional farmer field school, with eight modules to be completed over a year. A key difference in the women's version, however, is the timing of sessions, to ensure that they are accessible to women who may need to fit their study around domestic responsibilities.

The eight modules taught in the field school include land preparation, farrowing, planting, soil management, ratoon maintenance, varieties, harvesting and – of particular interest to this cohort – financial management. Eighteen women attended this first women's field school and, given the program's success, strongly recommended that more women follow them in subsequent iterations.

Our Fairtrade Commitments

Since 2008, we have supported small-scale farmers through Fairtrade, generating more than US$71 million in Fairtrade Premiums, more than any other sugar company.

Under the Fairtrade system, certified small producer organizations decide democratically how to spend the premiums generated from the sale of their produce. Our Fairtrade commitment has generated premium funds that have enhanced productivity and improved livelihoods, improved living and working conditions, protected communities from child and forced labor, and promoted education, better healthcare and gender equality in cane farming communities. Cane growers supplying our mill in Belize and many cane farmers in our supply chain in Eswatini, Fiji and Paraguay are members of Fairtrade-certified producer organizations.

The three sugarcane producer associations that supply our operations in Belize engaged in several initiatives in FY22. Projects included improving on-farm productivity, women and youth empowerment, worker health and safety, child labor and raising awareness about gender-based violence.

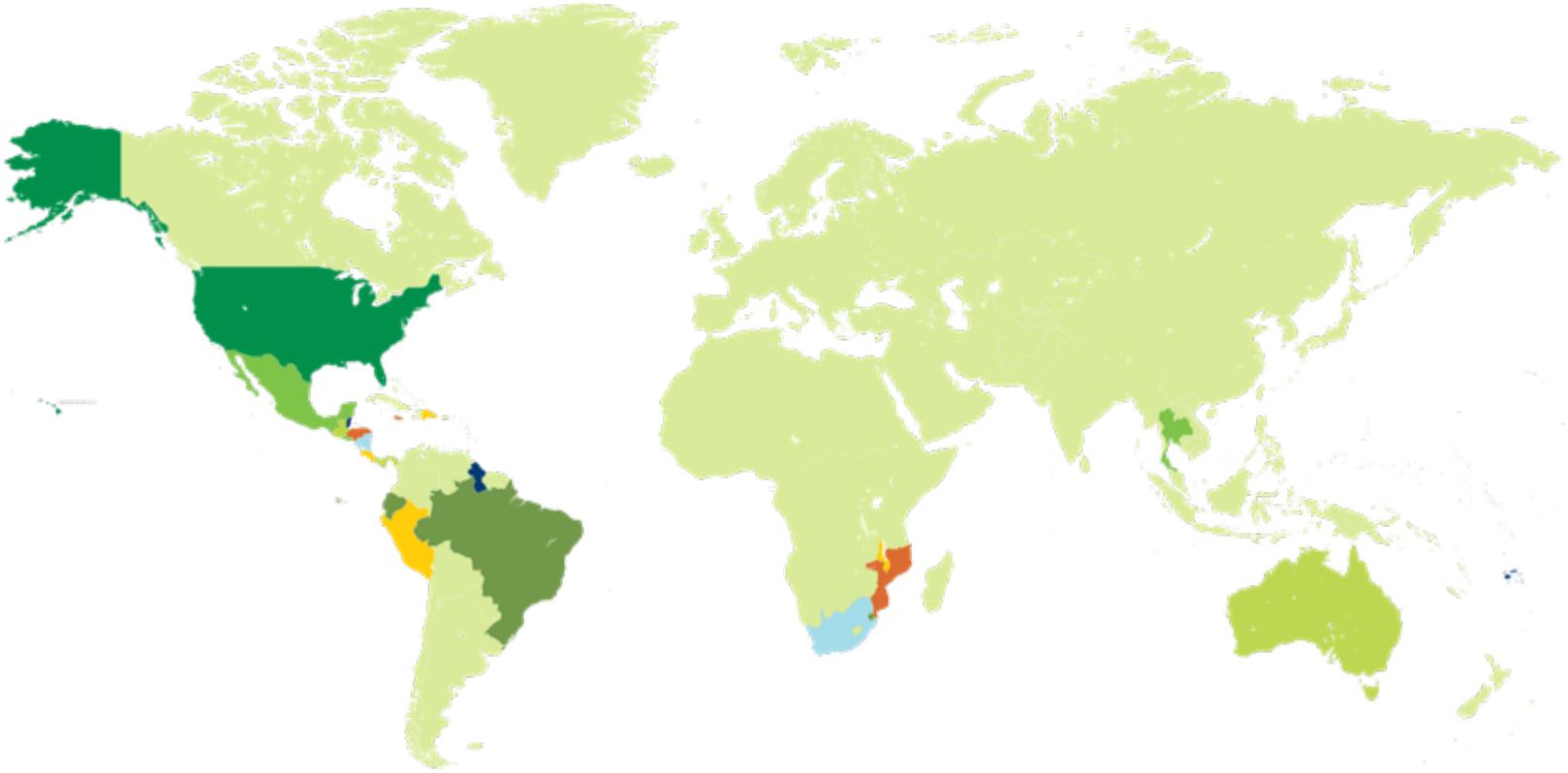
Highlight Story: A Gender and Youth-Based Project to Improving Livelihoods through Climate-Smart Agriculture

In our FY21 report, we shared a project with you run by Progressive Sugar Cane Producers Association (PSCPA) in Belize, which represents 624 farmers in Belize, called "Engaging Youths in Climate Resilient Sustainable AgroEcological Practices within the Northern Landscape." The project is funded through Fairtrade premiums, received through ASR Group's subsidiary, T&L Sugar, which the association used to match fund a grant from a local NGO. Through this program, young people at risk of child labor and vulnerable women received small grants to assist them in starting or growing their personal small businesses. Since it began in February 2020, participants have launched or grown business ventures in the following domains:

- **Compost and liquid fertilizer**
- **Organic produce**
- **Fruit trees and vegetables**
- **Medicinal herbs / plants**
- **Animal husbandry**
- **Fish farming**
- **Mini / Small shop**
- **Bakery**
- **Broom production**

Transparency and Traceability

We purchase raw cane sugar from mills, mill groups, marketing boards, world markets and trade houses. In FY22, the raw cane sugar we sourced came from 24 countries around the world and was produced by independent sugar mills or larger organizations that own sugar mills. The US Department of Agriculture (USDA) regulates the US raw sugar supply under a tariff-rate quota (TRQ) system, while the Common Agricultural Policy governs the European Union (EU) raw sugar supply, and the UK Government determines tariff rules in the UK. These regulations determine which countries we can source sugar from and how much. Our supplying countries in FY22 are seen in the map below.



Along with disclosing the location of our suppliers, we report our social responsibility and sustainability efforts via select web-based platforms such as EcoVadis, The Sustainability Consortium's Survey tools, and the Carbon Disclosure Project (CDP). We have also begun working with Authenticate, a supply chain transparency and management software, that will equip us with better tools to analyze our suppliers' sustainability data, facilitate communication with suppliers, and ultimately help us increase transparency and traceability across our supply chain. We plan for this software to be up and running in FY24.

Our Commitments and Progress

Since our last Sustainability report, we continue to progress towards the commitments we made in 2018.

click each FY

FY18 Commitments	FY20-FY22 Progress
100% of suppliers to participate in Sedex	FY20 / FY20 / FY21 — 60% of mill participation in Sedex
70% of our sugar from mills certified or verified to a recognized sustainability standard over a three-year period by end of FY25	FY20 / FY20 / FY21 — A total of 18 third-party full scope social audits (mills, estates, and outgrowers) were completed 62% of sugar that arrived in our refineries globally was assessed against one of our CSR verification tools
30% of a preceding year's audited non-compliances in our supply chain resolved	FY20 / FY20 / FY21 — 18% of a preceding year's audited non-compliances in our supply chain resolved
Increase source transparency; provide information to the mill for our supply chain by end FY25	FY20 / FY20 / FY21 — 14% US Operations source transparency to the mill level 100% Canada Operations source transparency to the mill level 100% EU and UK operations source transparency to mill level

To reach our targets, we will continue:

- Stressing the need to participate in Sedex with our suppliers
- Expanding our audit program
- Strengthening our audit follow-up measures so that non-compliance incidents are rectified
- Exploring our supply chain's traceability enhancement

Our Commitments and Progress

Along with the above annual commitments, we have ongoing commitments to uphold human rights and land rights, and to reduce, mitigate, and advocate for environmental impacts.

Human Rights

We support the United Nations' Guiding Principles on Business and Human Rights. More than that, we have a responsibility to use our leverage to ensure human rights are respected throughout our supply chain.

This principle is reflected in legislation, such as the U.K. Modern Slavery Act and the 1930 U.S. Tariff Act to which different parts of our operations are subject. A copy of our UK business unit's annual Modern Slavery Act Transparency progress statement ("MSATS") can be found here.

Land Rights

We respect the land rights of all local and indigenous people and communities in the areas where we operate. So, we engage in the process of free, prior, and informed consent (FPIC) for any agricultural development on land such individuals or communities legally possess.

We believe land rights disputes should be resolved in a fair and transparent dispute-resolution process. We require that all our suppliers also abide by our land rights policy.

Advocacy

We act as an advocate for sustainability by collaborating with various organizations, institutions, and projects in the cane sugar industry. For example, we have been working with sugar trading houses to incorporate sustainability into their purchasing decisions.

We continue to partner with international financial institutions, such as the Inter-American Development Bank, and are pursuing new partnerships with projects related to renewable energy and climate smart agriculture.

Highlight Story: Redpath® Sugar Commits to Sustainably Sourced and Ethically Grown Sugar with New Packaging Icon

In FY22, we unveiled the next step in Redpath® Sugar's advancement of its Ethical Sourcing Program (ESP) as we committed to ensure the brand's raw sugar is Sustainably Sourced and Ethically Grown.

To us, Sustainably Sourced and Ethically Grown means that all the raw sugar used to craft our products comes from sugar mills that are certified against an internationally recognized standard, or, when trade and agriculture policies limit our access to a full volume of certified sugar, that it is purchased from suppliers who have been through our ESP.

Our raw cane sugar comes from suppliers who:

- **Respect and work toward the highest environmental, social and governance standards.**
- **Uphold human rights.**
- **Are verified through our rigorous ESP, a program we started more than seven years ago.**

This initiative is an important advancement of our goals, and it is part of an ongoing effort to reduce our carbon footprint and enhance our environmental and social stewardship.

To highlight our commitment, we updated our packaging to reflect this new direction for Redpath, with a spotlight on the raw sugar we use and our new design element: two concentric green circles with the Redpath logo, two sugarcane leaves that form a checkmark and the words, "Sustainably Sourced. Ethically Grown."

Our Operations and Future Priorities

Our Own Operations

ASR Group-owned production sites (mills, refineries, and specific packaging and distribution centers) undergo annual Sedex Members Ethical Trade Audits (SMETA).

The SMETA is one of the most widely used social auditing procedures in the world, using social and ethical standards based on the Ethical Trading Initiative's (ETI) principles.

We use the SMETA audit process to assess our compliance approach to labor rights, health and safety, the environment, and business ethics. We share the results with our customers.

An independent auditing firm completes the audit to ensure objectivity.

They give us an Annual Report outlining compliance with the Sedex standard, as well as a Corrective Action Plan (CAP) Report with details, if any, on how to address non-compliances.

Our Future Priorities

Looking forward, we aim to enhance our sugar-sourcing standards as well as our internal social auditing procedures to produce the most ethically and environmentally responsible sugar possible.

We are working to expand Bonsucro, ProTerra, and Fairtrade certification among our third-party suppliers, increase participation in annual Sedex audits among our own operations, assess our supply chains beyond raw sugar, and continue to develop initiatives that support communities in the countries where we source sugar.

Highlight Story: Baltimore Refinery Achieves ProTerra Certification

The Baltimore Refinery has achieved the ProTerra Certification Standard after successfully completing a comprehensive social audit examining legal, health and safety compliance, traceability of raw sugar sourcing, environmental stewardship and interaction with the surrounding community and employees.

The ProTerra Certification is an important corporate initiative to our business that will allow the Baltimore Refinery to operate under Group Mass Balance rules and trade ProTerra-certified sugar in the U.S.

The ProTerra Foundation is a non-profit organization that promotes sustainable food production and natural resources conservation and works to ensure workers and local communities are treated with dignity and respect. The Foundation owns the ProTerra Certification Standard and audit methodology; audits, however, are completed by an independent and accredited third-party organization called Foodchain ID.

The Baltimore Refinery audit focused on many aspects of the site, including compliance with legal requirements, operational capacity, community relations and employee relations (including labor practices, health and safety). In addition to speaking with the Refinery Manager, the auditor reviewed documents and conducted interviews with representatives of Human Resources, Legal and Corporate Relations as well as hourly employees.

Highlight Story: Baltimore Refinery Achieves ProTerra Certification, continued

We are proud the Baltimore Refinery now joins our growing group of sustainability- and CSR-certificated operations, including:

- **Redpath Sugar (Toronto refinery) – Bonsucro Certified Chain of Custody (CHoC)**
- **American Sugar Refining, Inc. (Yonkers and New Orleans refineries) – Bonsucro Certified (CHoC)**

- **C&H Sugar Company, Inc. (Crockett refinery) – Bonsucro Certified (CHoC)**
- **Ingenio San Nicolás S.A. de CV (ISN), Mexico – Bonsucro Certified (Production Standard and CHoC)**
- **Belize Sugar Industries, Inc. – ProTerra Certified**
- **Sidul Açúcares (Lisbon refinery) – Bonsucro Certified (CHoC)**
- **Tate & Lyle Sugars (Thames refinery) – ProTerra Certified**

EMPLOYEE AND COMMUNITY ENGAGEMENT

We will be an employer of choice.

Caring for Our People

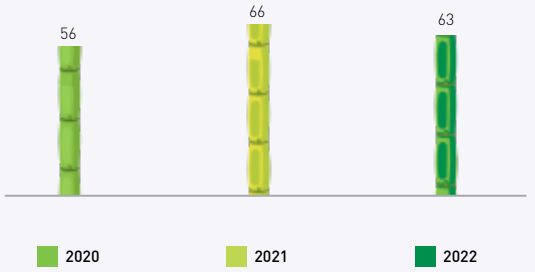
Our commitment to be an employer of choice is a key part of our sustainability program. We aim to drive personal, professional, and economic growth alongside social responsibility and community involvement within our workforce.

Every year, we ask employees for feedback on how we can improve as an employer in our anonymous annual engagement survey. We determine our employee engagement through five key metrics:

- Communication Effectiveness
- Confidence in the Future
- Discretionary Effort
- Immediate Supervisor / Manager
- Overall Job / Company Satisfaction

Survey scores are communicated to all functional areas, and teams review positive feedback as well as improvement opportunities. These teams then develop employee functional action plans that drive greater employee engagement; they are reviewed quarterly by Leadership and Human Resources to ensure employee feedback is addressed.

Survey Participation (%)



Health and Wellness

Our employee health benefits vary by region, but include: incentives to complete annual physical check-ups and stop smoking; access counseling; free on-site health screenings for preventable, high-risk illnesses; mental health referral resources for employees and their family members; and free flu shots.

As of FY22, employees in our medical plan in the U.S. that use specialty medications can access specific drugs free of charge. This will result in significant savings for members when they enroll in the discount program as costs for prescriptions continue to increase annually.

In October FY22, we launched a Menopause Support Policy in the U.K., aimed at ensuring employees are aware of available support for physical and mental health impacts related to menopause, as well as means to access it.

In the U.K., we launched access to a new wellbeing app for employees, which gives immediate access to doctors, prescriptions, mental health counselling, physiotherapy as well as legal advice and employee assistance.

Health and Safety

We value the safety and wellbeing of our employees.

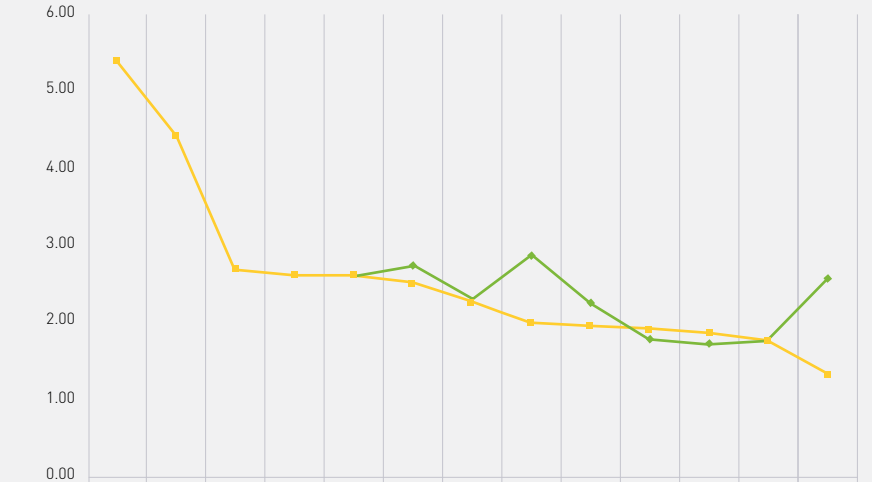
We continue to emphasize the health and safety of our employees as a core value and one of the fundamental pillars under which we operate. With improved tracking of our metrics including our global recordable rate, it was identified there was an unfavorable trend for our global recordable rate which ended FY22 at 2.66. This triggered an increased focus on the actions related to the types of incidents and increased employee engagement. The company is retaining a goal of achieving a global recordable rate of 1.33 by FY27.

Looking forward, we will continue to focus our efforts on driving down recordable injuries, focusing on a comprehensive on-boarding training for all new employees across all locations. We will emphasize the importance of safety at all locations from day one and demonstrate our commitment to keeping our employees safe.

All the while, we continue to look for more effective ways to train. The digital Learning Management System (LMS) has provided a platform to track training data and reach a broader audience outside of our operations. We continue to use the safety contact process to further drive safety discussions at all levels and encourage peer-to-peer engagement on safety. We will further expand this management system approach in the upcoming years and look to certify sites in both ISO 14001 & ISO 45001. Currently only the joint venture in Brindisi, Italy holds the certification. However, a number of European sites are slated for evaluation in FY23. In addition, we will continue our Dust Hazard Assessments at all locations, thereby ensuring we address dust hazards globally.

Finally, all locations will host safety celebrations and/or family days. These events bring together employees and their families, reinforcing the importance of safety in a way that reaches beyond employees to their families.

Total Recordable Incident Rate (TRIR) Goal vs Actual



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Actual TRIR	5.40	4.40	2.70	2.60	2.60	2.74	2.30	2.87	2.25	1.78	1.72	1.79	2.66
TRIR Goal	5.40	4.40	2.70	2.60	2.60	2.50	2.25	2.00	1.95	1.90	1.85	1.75	1.25

Highlight Story: Nashville Plant Celebrates Safety Milestone

During the fall of FY22, the Nashville Plant celebrated more than four years without a recordable safety incident, an achievement that reflects not only the plant's leadership but also the commitment of the whole Nashville team to put safety first every day. The facility's last recordable was on May 1, 2018.

"I am proud of the Nashville team," said Plant Manager Donna Cart. "We look out for each other, and if we see someone at risk, we say something. Everyone at the Nashville site knows safety is serious, and each individual appreciates others looking out for them."

Director of Non-Refining Operations Dennis Yeckel and Senior Regional EHS Manager Pete Grasson visited the Nashville Plant to help celebrate this safety milestone. Employees received orange safety T-shirts and a luncheon to mark the achievement.

"Everybody in Nashville looks out for each other, especially from a safety standpoint," said Pete. "They are very engaged and feel empowered to make suggestions for new ideas to promote safe behaviors in the workplace."

Highlight Story: Safety Absolutes Reinforce our Culture of Safety

As we continue to strengthen our culture of safety, we are pleased to reintroduce our Safety Absolutes: fundamental rules that are essential to helping us stay safe and ensure the ongoing success of the business. However, more than just a set of rules, the Absolutes – which are displayed on posters and digital signage across our facilities – help reinforce a safety-first mindset in the workplace in all that we do.

The seven Safety Absolutes focus on preventing the main sources of potential injuries in our operations. While employees are familiar with policies surrounding each focus area, the relaunched Safety Absolutes help communicate the rules more simply and clearly.

The reintroduced Safety Absolutes follow on the heels of our relaunched Quality Absolutes, which were rolled out last year.

Highlight Story: Great Spring Cleanup Advances Safety, Quality & Environment

In the week leading up to Earth Day, a new initiative called the Great Spring Cleanup helped our U.S. and Canada facilities declutter more than 100,000 pounds of electronics, metal, trash and recyclables. The event was launched by our Quality and Environmental teams as an opportunity to dispose of clutter and reduce potential safety, quality and environmental hazards.

The effort was led by Quality, Sanitation and Environmental Managers at each facility, with support from Human Resources, Operations and Sustainability. Each facility established central collection points for materials and as many as possible were recycled. All items that were determined to be usable and in good repair were relocated to the appropriate locations to be used for their intended purpose.

The Chalmette Refinery was named the Great Spring Cleanup Refinery Winner. By establishing a competition between departments, the refinery collected approximately 40,000 pounds of materials that could be removed from the site.

The Belleville Plant, which continues to strengthen its culture of waste reduction, was named the Great Spring Cleanup NRO Winner. The team in Belleville established a program to tag items that were no longer in use and removed those items from the facility.

Within sites, there was friendly competition between departments to collect as much clutter as possible, but in the end, the success of the Great Spring Cleanup reflects the high level of teamwork across and within departments.

Our Diversity and Inclusion Goals

We commit to being active and visible champions of diversity and inclusion (D&I) at all levels of the organization. A diverse and inclusive workforce underpins any thriving business – and we are no different. Our people stay with us for a long time, and we want that to continue for generations to come.

Created in FY20, our Global Diversity and Inclusion Council helps us set and implement our commitments, goals, and priority actions throughout our operations around the world.

We commit to breaking down barriers to effect change and to being a bias disrupter, consciously challenging bias.

We have three diversity goals:

- To increase diverse representation in our leadership population (Manager & above), working toward diverse representation across all levels in the organization.
- To continuously improve our talent management processes to eliminate bias.
- To strive to represent the diversity of the communities where we operate.

We have two inclusion goals:

- For each employee to feel valued, respected, and a consistent sense of belonging across the organization.
- To create a culture where we actively seek out, engage with, and learn about the diverse identities and experiences of our colleagues.

To achieve our goals we will:

- Collect consistent data on representation and understand it.
- Create employee-led resource groups that capture different areas of interest and/or identity groups.
- Develop an internal and external communications strategy for D&I.
- Examine and address any possible biases in talent management processes (hiring, promotion, and development).

Our Diversity and Inclusion Goals

We are committed to attracting and retaining the best talent, ensuring our talent-attraction methods are unbiased, and our hiring managers are equipped to assess talent fairly.

Our processes related to recruiting, talent management, compensation, and benefits are designed to ensure that they support equality of employees at all levels throughout their career development. We also have a variety of programs and policies in place to facilitate a work-life balance and family focus.

These include participation in voluntary affirmative action programs, where we establish annual goals in each location and employment category; collection and filing of Equal Employment Opportunity (EEO) data in our U.S. and Canada operations; and in the U.K., annually reporting the mean and median difference in the average pay for males and females in our Gender Pay Gap Report. We are proud that our gender pay gap of 0-3% over the past years is lower than the U.K. national average of around 8%.

Our UK gender pay gap statistics

Gender pay gap & bonus pay gap

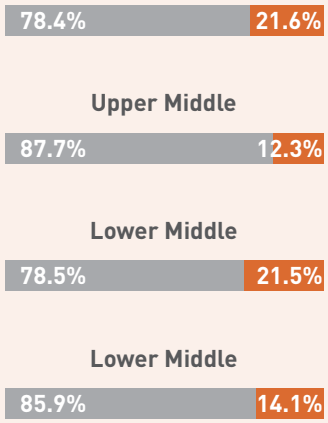
	Mean	Median
Gender pay gap	(0.6%)	0.4%
Bonus pay gap	14.8%	(133.3%)

Male Female

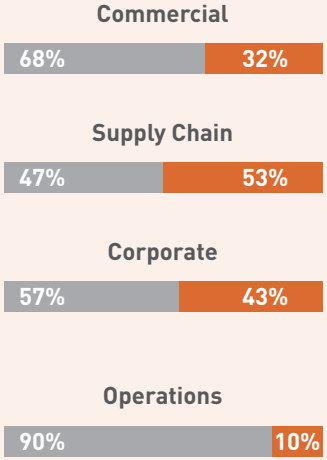
Proportion of males and females receiving a bonus payment

Bonus No Bonus

Male and female earnings by quartile



Gender split by function



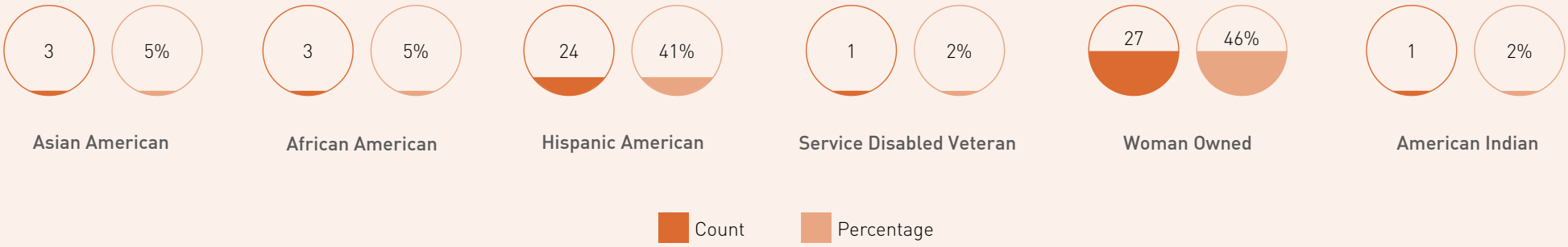
Highlight Story: Supporting Minority-Owned Businesses

To understand how we can better support underrepresented groups through our business practices, our U.S. team has been tracking our spending with minority-owned businesses since 2015.

- **In 2020, we purchased from 71 certified minority-owned businesses.**
- **In 2021, our number of certified minority-owned vendors dropped down to 55; however, we significantly increased our spending with these vendors to our highest in five years. Though only 55 are currently certified, we purchased from a total of 82 minority-owned businesses in 2021.**
- **In 2022, we purchased from 59 minority-owned businesses and continued to increase our spending with these vendors compared to the previous years. We purchased from a total of 67 minority-owned businesses, albeit all weren't certified.**
- **From 2021 to 2022, we increased our spending with minority-owned businesses by 56%.**

The table below shows the breakdown of the 59 certified minority-owned businesses we purchased from in 2022.

Purchase Figures from Certified Minority-Owned Businesses 2022



Highlight Story: Cleveland Plant Hosts Tour for Ohio Chapter of Women in Manufacturing

The Cleveland Plant opened its doors to host a tour for the Ohio chapter of Women in Manufacturing, a national organization that supports the recruitment, retention and advancement of women in the manufacturing industry.

Each month, the chapter organizes a tour of a local employer, where women in manufacturing and those interested in the field learn about the company's operations and the kinds of jobs it provides.

The visit began with an overview of the plant and our business by the Cleveland Plant Manager. The Plant Manager, a HR Representative and an Operations Manager – who are all women - spoke with visitors about how our organization is proud to foster an environment where women can find rewarding careers in manufacturing, from production workers to operations management to executive leaders.

The Cleveland Plant Leadership Team led visitors on a tour of the facility, showing them behind-the scenes of our operations and introducing them to some of the women on our team. They notably met with an all-female team, which was a great example for our guests of how we are a company where women are not merely represented but are truly thriving and developing meaningful careers.

Highlight Story: Nonprofit Founded by Our Employee to be Highlighted During Hispanic Heritage Month

Maricela Torres, Legal Executive Assistant based at our Corporate Headquarters, curated a collection of photos from a nonprofit organization she founded that was on prominent display in downtown West Palm Beach, Florida, for an extended celebration of Hispanic Heritage Month from September 15 to October 15, 2022.

The photos were part of the larger Going Places exhibit from the Historical Society of Palm Beach County at the Johnson History Museum. Each photo was taken by participants in the Mujeres Fuertes, or Strong Women, program through Maricela's Esperanza Community Center. The program is designed to empower immigrant women, and the photos were part of an assignment to help the women capture a moment in time when they felt most empowered.

Recognizing she had collected something truly special, Maricela worked with the West Palm Beach Public Library to display the photos. The exhibit was designed to shine a light on the Hispanic community that lives on West Palm Beach's north end.

The response to the first exhibit at the library was "really incredible," said Maricella.

"It gave the women a sense of feeling seen," she said.

"For these photos, I was trying to capture the immigrant story and also the female aspect of being an immigrant, and feeling empowered and being part of our community. I love that these photos were so raw."

Maricela founded the Esperanza Community Center in 2019 to offer employment resources and other services to improve the lives of local immigrants.

Empowering Our People

We seek to empower our people by creating growth and development opportunities.

We have a strong focus on helping our employees grow. We offer various opportunities for our employees to develop skills, so we can build, retain and motivate a winning team. We coordinate employee development across all our functions and locations around the world to ensure that our values align throughout our corporate culture.

We make sure our employees have the resources they need to be successful by offering online and on-site learning tools and training, apprenticeship program (U.K. operations), early career rotational programs, and tuition reimbursement programs. About 60 colleagues participate annually in online managerial and leadership skills training and more than 30 participants have used our apprenticeship programs to build capacity in operational performance, business administration, procurement, finance, and engineering maintenance.

Approximately 5% of our U.K. workforce is currently involved in apprenticeship training. In FY22, nearly 34 colleagues took part in one of our two- to three-year programs and another 37 received assistance to attend an accredited learning institution.

Highlight Story: More than 1,000 Employee Excellence Award Nominations Submitted Since October

Less than one year since launching our Global Recognition Program, we are excited to share that our colleagues have submitted more than 1,000 nominations for Employee Excellence Awards!

Employee Excellence Awards are given once a month at each site through a structured nomination process in which all employees are encouraged to participate. Employee Excellence Awards are awarded in four different categories: Service Excellence, Efficiency & Sustainability, Value-Add and Talent & Culture. Nominations are reviewed by site leadership, and winners are selected for recognition each month. Annual winners in each category are selected from the monthly winners chosen at each location.

The more than 1,000 monthly nominations submitted to date have come from our sites around the globe, with our Belleville Plant and Toronto Refinery leading the way.

Highlight Story: Cohort of Senior Leaders Successfully Completes Inaugural INSPIRE Leadership Development Program

A small group of senior business leaders from across the organization gathered at our Corporate Headquarters in West Palm Beach, Florida to participate in INSPIRE (Sustained Success In Sugar) – a robust, five-day leadership seminar designed to strengthen their strategic business acumen.

During the workshop, participants engaged in a wide array of challenging activities: self-assessments, large and small group activities, case studies and a mock steering committee exercise. One of the highlight events of the week involved successfully navigating an immersive, full-scale business simulation. In the simulation, the INSPIRE participants collectively assumed control of a fictitious life sciences company. Working together, the group then had to guide the organization to deliver excellent performance over a multi-year period in several key areas: net commercial growth, organizational health, and manufacturing innovation – just to name a few.

Additionally, members of the executive team facilitated strategic sessions related to their areas of expertise to drive awareness and cultivate synergy across functional lines. Participants used these experiences to sharpen their skillsets in four strategic building blocks of executive leadership: vision, communication, interpersonal style, and problem solving/decision-making.

Developed and facilitated by the HR -Learning & Development team, INSPIRE is the highest level offering of three internal leadership development programs. In design for more than two years, the 2022 cohort of INSPIRE is the first to experience the seminar.

In addition to INSPIRE, our HR -Learning & Development initiative also offers two other live training programs as part of its Leadership Development Series: REFINE (Strategic Leadership Skills) and HARVEST (Leadership Capabilities). Each program aligns with a different level in the leadership journey. Program participation is based on nominations driven by annual HR people/talent processes.

Highlight Story: Tate & Lyle Sugars is an Accredited London Living Wage Employer

We are proud to be an accredited London Living Wage employer. This means that all colleagues in our London locations, including those working with our contract partners, are guaranteed a real living wage which meets their everyday needs.

The Real Living Wage is higher than the U.K. government's minimum, or National Living Wage, and is an independently calculated hourly rate of pay based on the actual cost of living, currently £11.95 per hour in London. The rate is calculated annually to consider what a family needs to cover rent, food, childcare costs, and household bills and put away modest savings.

We are part of the Royal Docks Living Wage Action Group, a coalition of public, private and third sector accredited employers who want to encourage employers in the Royal Docks, the area in which our Thames Refinery is located to become accredited Living Wage Employers.

93% of businesses benefit from Living Wage accreditation

86% reported the accreditation improved the reputation of the business

75% said it increased motivation and retention rates for employees

Source: Living Wage Foundation

Supporting Our Communities

Our success depends on the success of local people, communities, and businesses: co-building a positive future for them is a priority.

We are proud to support numerous charitable and non-profit organizations in our communities, extending our support to new partners each year. Most organizations we support have missions focused on community development, environmental stewardship, hunger relief, STEM-based education, and cultural programming. We are proud that our employees share our value of making a positive difference in our communities.

As part of our environmental stewardship, we have long supported and sponsored environmental stewardship organizations such as Blue Water Baltimore in Baltimore, Maryland, Groundwork Hudson Valley in Yonkers, New York, and the Carquinez Regional Environmental Education Center in Crockett, California. On Earth Day each year, our employees across the globe take part in community clean-up events and tree plantings, and we offer free e-waste recycling services to the communities near our U.S. operations.

Blue Water Baltimore

Blue Water Baltimore is a non-profit organization in Baltimore, Maryland, whose mission is to restore the quality of Baltimore's waterways to foster a healthy environment, strong economy, and thriving communities.

Groundwork Hudson Valley

Groundwork Hudson Valley is a non-profit organization in Yonkers, New York, that creates sustainable environmental change in urban neighborhoods through community-based partnerships that promote equity, youth leadership, and economic opportunity.

Carquinez Regional Environmental Education Center

Carquinez Regional Environmental Education Center is a non-profit organization in Crockett, California, whose role is to effect wildlife habitat and enhancement, maintenance and restoration projects in the communities and open lands surrounding the Carquinez Strait – California's most significant wildlife migratory corridor.

Supporting Our Communities

When our communities face challenges, we lend a hand to support our neighbors.

In the aftermath of a tornado near our Chalmette Refinery in Louisiana, we supplied financial assistance to local relief organizations in New Orleans. Throughout the year, we help feed the hungry through donations to organizations such as Catholic Charities of Baltimore, Second Harvest Food Bank in New Orleans, the Food Bank of Contra Costa & Solano in California, Feeding Westchester and FeedMore WNY in New York. In Canada, we support the following foodbanks: the MADA Community Centre, Gravenhurst Against Poverty and the Scarborough Food Security Initiative. In our east London community, we have supported Community Food Enterprise (CFE) for nearly 20 years, a social enterprise working to alleviate food insecurity by supplying and distributing surplus food to frontline charities and community organizations. From their warehouse on our Thames Refinery site, CFE feeds around 10,000 people per month, delivering 5,000 kilos of food across east London.

We take a special interest in promoting science, technology, engineering and math curriculum to new generations in K-12 schools near our US refineries.

We provide support to STEM labs at Eugenio Maria de Hostos MicroSociety School in Yonkers, New York, to John Swett High School in California, and to Francis Scott Key Elementary Middle School in Baltimore. We provide scholarship funding at the college level in our U.S. operations and at various schooling levels at our Belize and Mexico operations.

We have partnered for over 12 years with the Newham All Star Sports Academy, an organization that engages disadvantaged young people across east London to play basketball in a fun and safe environment, with sessions that include mentoring talks, educating young people on the dangers of knife crime and gang culture and the opportunity to gain basketball coaching, officiating, and first aid qualifications.

Supporting Our Communities

We also support the cultural life of our communities by sponsoring neighborhood concert series and film festivals, and supporting local museums, science centers and cultural and historic institutions. These institutions include Hudson River Museum in Yonkers, the Maryland Science Center, the Baltimore Museum of Industry, the Crockett Historical Society in California, and the Old Arabi Neighborhood Association in Louisiana. In FY22, we were proud to continue our sponsorship for the Redpath Waterfront Festival in Toronto as well as the Belleville, Ontario Waterfront & Multicultural Festival.

Our employees also volunteer to support local causes and organizations. In the U.K., we offer all staff three days of paid leave for volunteering activities and match employees with volunteering opportunities in the community and with our local charity partners. We run a 'volunteer in the community' scheme, which puts £250 per employee toward personal volunteering activities. Staff who fundraise for our charity partners can apply for 100% match funding up to £3,000, or 50% for any other charity whose aims broadly fit our community objectives.

Since FY19, dozens of employees at our Baltimore Refinery have volunteered in an oyster gardening program with the Chesapeake Bay Foundation to help increase the population of these natural water filters.

Our Chalmette Refinery employees in Louisiana volunteer each year at Magnolia Community Services in New Orleans, serving adults with developmental disabilities. At our Cleveland, Ohio facility, employees took part in the backpack challenge to collect new backpacks and school supplies for children in the care of the local family services division.

Highlight Story: Colleagues Volunteer to Support Spring Cleanups and Sustainability Projects around the Globe

On Earth Day and throughout the spring, our colleagues around the globe volunteered their time to help make our communities greener and more sustainable and spread awareness on how we can all make a difference when it comes to protecting our planet. We are pleased to highlight their efforts!

EUROPE

In Lisbon, our colleagues hosted online waste awareness sessions, visited the local waste park, held an Earth Day photo contest, and distributed eco-friendly bags and other gifts to employees. The site also held a "Red Tag" event for electronic waste collection.

In London, 20 employees visited the Royal Docks Learning & Activity Centre to support maintenance projects, clear weeds, and plant roses at the center's garden. The team also prepared trays for school groups to plant fruits and vegetables.

BELIZE

In Belize, we donated solar lights to the town of Orange Walk, which will be used strategically in parts of the town where lighting is limited to promote the safety of our community. We also donated 15 environmental awareness signs to local primary schools.

MEXICO

Our team at Ingenío San Nicolás participated in a community Earth Day event that included an awareness talk about caring for the environment and painting a mural with local students. We also donated containers to separate waste and recycling in a local sports field.

At our Fortín, Mexico facility, our colleagues distributed sustainability pamphlets and planted coriander seeds with sustainable fertilizer consisting of leaves and fruit remains.

Highlight Story: Colleagues Volunteer to Support Spring Cleanups and Sustainability Projects around the Globe, continued

U.S. & CANADA

In Florida, our colleagues in West Palm Beach and Boca Raton participated in a tree-planting volunteer event with a local organization and partnered with a local marine life center in a beach cleanup.

Volunteers on the Baltimore Refinery's oyster gardening team cleaned 85 cages of baby oysters. Once fully grown, the oysters will help filter millions of gallons of water a day in the Chesapeake Bay. The refinery also participated in Earth Hour by turning off its iconic and sustainably restored "Domino Sugars" sign as part of a global effort to raise sustainability awareness.

The Belleville Plant in Ontario held an electronic waste collection, as well as a reusable fashion drive to benefit local nonprofits. Employees also participated in the local community Trash Bash.

Our colleagues in Buffalo had an onsite cleanup, collecting more than 800 pounds of trash from parking lots and city sidewalks and streets near the facility. The plant also held an electronic waste drive for employees, through which we recycled 864 pounds of mixed electronics and electronic equipment!

Highlight Story: Colleagues Volunteer to Support Spring Cleanups and Sustainability Projects around the Globe, continued

In Chalmette, Louisiana, employees helped the Coalition to Restore Coastal Louisiana bag 14 tons of recycled oyster shells, which will help restore local oyster reefs and protect against coastline erosion. Employees also cleaned up around our community as part of Keep Louisiana Beautiful's "Love the Boot Week!"

Our team in Cleveland participated in a local community cleanup near the plant.

The Crockett Refinery participated in a community cleanup in partnership with the Crockett Improvement Association. The plant also participated in Earth Hour by turning off the "C and H" sign.

Our colleagues in Nashville organized an Earth Day art display for employees' children and grandchildren, as well as a nature walk at a local walking trail.

The Toronto Refinery participated in the Earth Hour by turning off its sign. The site also had a photo contest and promotional activities via the site's communication boards.

In Yonkers, employees volunteered to build new planters and clear beds at the Steve Whetstone Community Garden. We were pleased to donate used conveyor belts, which are being re-used to create safe walking paths at the garden. We also held an e-waste collection for employees and the local community.

Highlight Story: Colleagues around the Globe Take Part in 'Miles for Minds' Challenges

Last year, our Europe Sports Committee launched Miles for Minds, a one-month challenge in which our colleagues in the United Kingdom and Portugal walked, ran and cycled during the month of March to raise awareness for mental wellbeing and the positive role of physical exercise in helping achieve it. This year, the committee expanded the challenge globally, inviting employees at all sites to get active through this fun initiative.

185 employees from 10 sites in six countries participated in Miles for Minds this year. It was a fun way to bring together our employees from across the globe, from those on the factory floor to executives and everyone in between.

Together, our global team travelled a distance of 15,664 miles—equivalent to travelling the distance between our ASR Group refineries around the world, starting in London, with a pit stop at our Corporate Headquarters in West Palm Beach and ending at the Brindisi Refinery in Italy with four miles to spare.

Highlight Story: Colleagues around the Globe Take Part in 'Miles for Minds' Challenges, continued

Employees were encouraged to share photos from their activities, which gave their colleagues a chance to see how their peers around the globe stay active in their communities.

The initiative also helped employees meet new colleagues, both internationally and at their own facilities.

Employees also walked and ran in local races during the month, such as a team of colleagues who participated in the "Muddy Princess" 5K in Palm Beach County, Florida.

Weekly winners were declared for each individual and department accruing the most miles in each category: walking, running and cycling. Globally, the Operations team achieved the highest mileage throughout the month at 5,851 miles.

Highlight Story: Tate & Lyle Launches Sixth Annual Lyle's Local Fund to Support Our Newham Community

We are proud to support the communities in which we live and work, including in Newham, our east London community, which we have called home for more than 140 years. In September, we were pleased to launch our annual Lyle's Local Fund, a small grants fund underwritten by Tate & Lyle Sugars for Newham-based charities, social enterprises, schools, community groups and non-profit organizations that support safe, prosperous, and healthy community activities in Newham.

Since first launching in 2017, the Lyle's Local Fund has awarded more than £150,000 to more than 60 projects in the Borough of Newham.

The successful organizations we have supported through the Fund represent the diversity of the amazing work that is going on in Newham to make it a safer, healthier, and more prosperous place.

Among the organizations funded through last year's grants are Dads N' Lads, whose Newham Warriors football team not only helps to connect fathers and their sons, but whose workshops also tackle the boys' self-esteem issues and bullying, and the Good Shepherd Voluntary Organisation, whose "Her Mind, Healthy Mind" project delivers mental health support for vulnerable girls and women in Newham.

Highlight Story: Company Assists Victims of Arabi Tornado

On the evening on March 22, 2022, a tornado passed over the Mississippi River, just west of our Chalmette Refinery in Louisiana, and touched down in our Arabi community. The EF-3 tornado with 160 mph winds left a path of destruction, overturning cars, shearing off treetops, and destroying several dozen homes. One person lost their life.

While hurricanes pose a threat to the residents of this area each year, no one had expected or could prepare for the sudden and violent nature of the tornado. Though damage and destruction were localized, the tornado was particularly intense and impacted homes and businesses alike.

As we have done many times before when natural disasters impacted our neighbors in South Louisiana, we provided assistance. We donated $10,000 to the St. Bernard Tornado Relief Fund, established by the Greater New Orleans Foundation, that was used to provide direct aid to those whose properties were affected by the tornado. We also donated $2,500 to the Community Center of St. Bernard, which was damaged by the storm.

The Community Center is located less than half a mile from the Chalmette Refinery and is instrumental in providing nutritious food and other essentials to those in need in St. Bernard Parish. We have been proud to support their efforts in our community and were happy to come to their aid in this time of need.

For years, we have supported Second Harvest Food Bank, which serves the needs of South Louisiana and has provided immediate support in the aftermath of hurricanes in the region. In the days following the tornado, Second Harvest supplied packaged food, bottled water and clean-up supplies and delivered meals through their community kitchen.

Highlight Story: Crisis Relief Collaboration Delivers Tate & Lyle Sugar to Families in Ukraine

As the war in Ukraine continues to disrupt the local food and fuel supply, resulting in food shortages throughout the country, our collaborative crisis relief efforts in the U.K. are helping provide Ukrainian families with our Tate & Lyle® Sugar.

This spring, we donated 23 pallets of granulated sugar to His Church, a food bank and charity that redistributes donated foods and supplies to vulnerable populations around the globe in times of crisis. Through their "Operation Manna 2022" relief campaign, His Church is working with major retailers, manufacturers, and logistics companies to route donations of supplies and staple food products, including our sugar, to displaced families in Ukraine. The pallets donated to His Church were delivered directly by His Church into a distribution center between Lviv and Kyiv, from which they will be distributed by van into the areas of highest need in Ukraine.

In addition, we donated a truckload of sugar to one of our transport suppliers, Coltons, whose drivers drove it free of charge to get it to families in need in Ukraine. This family business, with the support of its customer base, was able to fill two trailers of aid and deliver them to families in need in Ukraine.

The donation was delivered to the Polish tourist board, who were making regular deliveries into Ukraine using coaches they would normally use for their tourist operations. These coaches were subsequently used to bring refugees back into Poland.

Our product eventually made it to Zhytomyr, which is about 150 km from Kyiv and suffered Russian shelling and missile attacks.

Our collaboration with His Church and Coltons demonstrates the good that can be done when businesses and charities work together toward a common goal. We had the product, and both His Church and Coltons had the routes and means to transport our donation. We were happy to work with them to deliver our staple food product to families in Ukraine.

GOVERNANCE, COMMUNICATION AND REPORTING

Our mission to become the world's most sustainable sugar company is championed and led by our Senior Executive Team.

Corporate Governance

We take ownership of our actions and understand that we are accountable for the decisions we make. We have chosen a science-based and transparent approach to sustainability programming as we believe it is the best means we possess to effectively run our business in a sustainable manner. To this end, we communicate our position in our sustainability journey on a regular basis internally and externally as our progression is a priority to our governing entities. We produce monthly and quarterly reports with KPI progress updates to inform our Sustainability teams and senior leadership, including C-suite members, on achievements and setbacks. Correspondingly, risk management is a priority, and if any incident occurs that is not in keeping with our set standards, we proactively inform impacted stakeholders and responsibly act as swiftly as possible to remediate such events.

Board Oversight

ASR Group is a privately owned organization. The company is led by a President, advised by an Executive Management Committee and answers to a Board of Directors. The Executive Management Committee is composed of all key departmental and regional business leaders in the company. The following persons serve on our Board of Directors:

Luis Fernandez
Chairman

Matthew Hoffman
Vice Chairman

Pepe Fanjul Jr.

Robert Underbrink

Armando Tabernilla
Secretary

Vincent Burskey

Corporate Governance

Sustainability programming falls under the responsibility of the Chief Sustainability Officer (CSO). Our CSO is a corporate officer and a seated member of the C-suite. The CSO reports directly to ASR Group's President. Sustainability department matters are discussed at the Executive Management Committee meeting quarterly and with the Board of Directors when appropriate. The CSO's primary staff consists of vice presidents or directors who focus on CSR policy oversite and compliance; Sustainability program management, data acquisition, and reporting; and other sustainability-focused special projects. In addition, the CSO and the Sustainability department staff have dotted line relationships across multiple departments to ensure multidisciplinary collaboration.

In keeping with this collaborative culture, the CSO and his team plan and conduct a quarterly Sustainability Steering Committee. Participants include leadership from each department, operational staff, site level management as well as sustainability leaders. This forum showcases market-pressure driven activities, legislative developments, industry innovations, and project implementations. It also serves as a precursor to the quarterly Executive Board meeting.

To achieve our vision and objectives within our owned operations, we engaged a Sustainability taskforce comprised of site-level Sustainability engineers, facility managers, and Sustainability staff.

Business Ethics

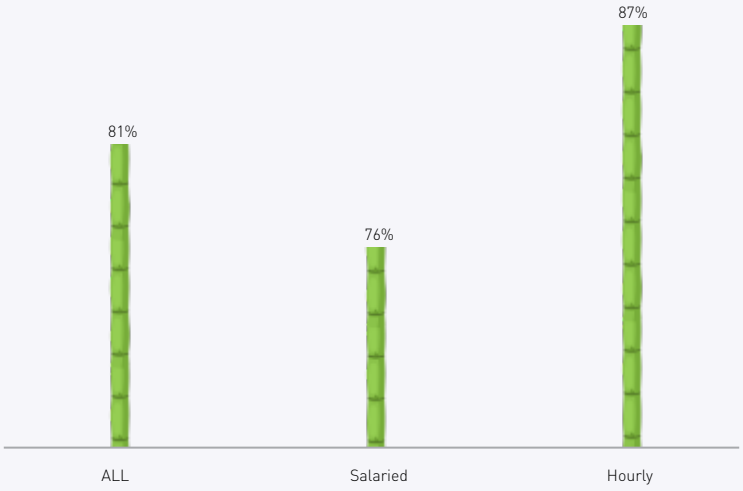
We have always been dedicated to conducting business in a lawful and ethical manner in all our operations. For this reason, we maintain a Code of Ethics and Business Conduct that can be viewed on our website. The Code applies to employees, officers, and directors of ASR Group, as well as our contract personnel, persons that we hire as our agents and our suppliers. Each employee agrees to carefully follow the Code and its principles in all his or her business dealings, upholding our commitments to our key stakeholders, customers, suppliers, fellow employees, and neighbors, as well as applicable government agencies, our lenders, and our stockholders.

We maintain comprehensive policies on numerous topics, and training is provided to employees. Topics include:

- Anti-corruption
- Anti-competitive Behavior
- Diversity and Equal Opportunity
- Non-discrimination
- Whistleblower Programs
- Child and Forced Labor
- Security Practices
- Environmental, Health and Safety Awareness

All training is tracked for completion via the company's computer-based learning management system, and we aim for 90% engagement or better each year. In 2022, an overall percentage score of 81% was accomplished globally.

2022 Code of Ethics and Culture of Respect Training Completion



Stakeholder Engagement

We interact with a wide range of stakeholder groups – from employees to customers and NGOs, to local and international community groups. We define stakeholders as those who affect and/or are affected by our business operations. Our stakeholders hold us accountable, help us understand and overcome barriers to progress, identify opportunities for improvement, and create and share CSR and sustainability best practices.

Our customers are among our most important stakeholders. Through regular meetings, we are transparent and communicate our activities to uphold our shared values.

Stakeholder Groups	ASR Group Engagement
Customers	Ongoing relationships, partnership projects, and other CSR-related activities.
Social Certification Standard organizations	Interaction and participation in regular meetings, provide feedback and attendance to standards' annual conferences.
NGOs	Certification programs, partnership remediation programs, and other consulting and training related activities.
International Financial Institutions (IFIs)	Partnerships in socio-economic development programs, including Climate Smart Agriculture.
Communities	Annual activities, including school funding, projects to prevent impact on the environment, food banks, and other community activities. Remediation programs – prevention/eradication of child/forced labor, women empowerment, alternative livelihoods to working in the sugarcane industry, best agricultural management practices, soil management, dealing with pesticides, cane varieties and other programs.

IT Security, Anti-Corruption and Grievance Programs

IT Security and Compliance Cyber Risk Assessment Program

We protect and secure our data and our customers' data through processes and technologies that prevent and eliminate cyberattacks. The Security Architecture team is responsible for all solutions in compliance with the company's security and governance requirements, working closely with the Chief Information Security Officer to determine the Information Technology Security strategy, rollout of new security technologies and internal investigations.

There were no personal data incidents that resulted in a requirement to report to the global data protection authorities in FY22. Neither were there any personal data protection incidents causing exposure to high risk or material harm.

Anti-Corruption Due Diligence Program

The company maintains a process to review new and existing customers and vendors using World Check One Database. This checks for economic sanctions, AML, criminal activity, and other issues with third party customers and vendors. Any exceptions are reviewed by the Legal and Risk Departments.

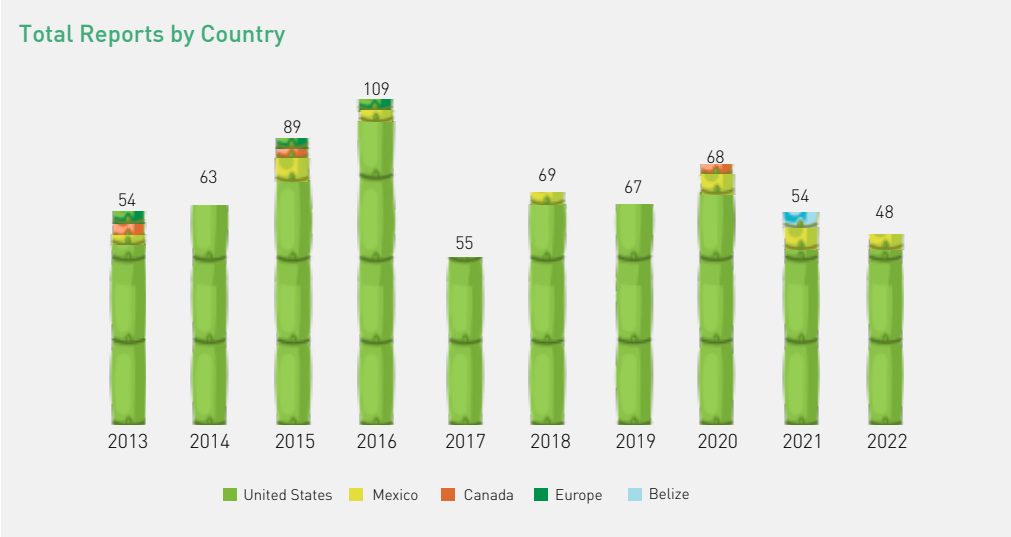
Ethics Hotline

The Company engages a third party to anonymously receive information concerning alleged violations of the Code of Ethics and Business Conduct. The process protects employees' identity to the greatest extent possible.

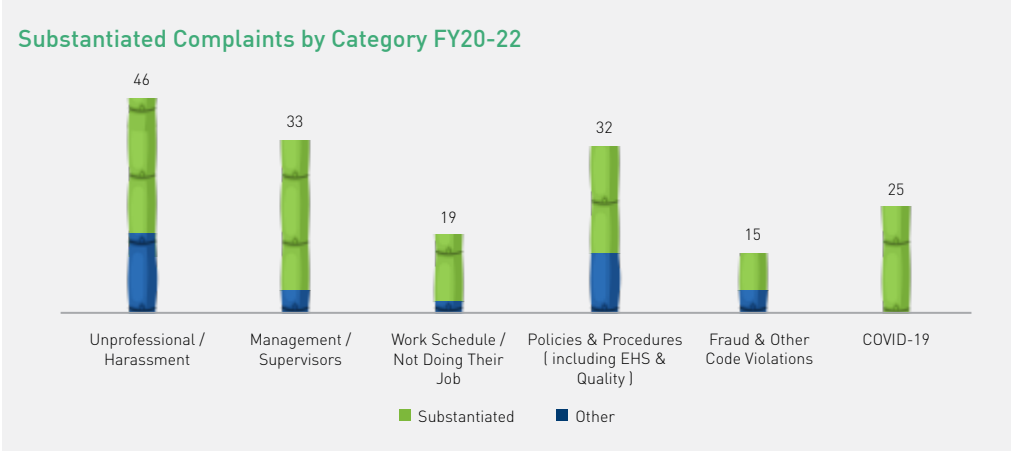
As a measure to confirm compliant systems are in place and operational, Corporate Compliance confirmed that 100% of all hotline systems were available and provided in the primary local languages of the region. These systems are tested for access and availability annually.

When considering all reports from FY13 to FY22, a total of 676 reports were received, investigated, and addressed. In FY22, 48 reports were submitted, investigated, and addressed.

The breakdown of report by location is represented in this graph:



Substantiated reports and their subject matter from FY20 through FY22 are depicted in this graph:



CLOSING

Thank you for your interest in our Sustainability Program.

Closing Thoughts

Thank you for your interest in our Sustainability Program. We are delighted to share our results and hope you feel, as we do, that our programs have continued to mature over the years since our last report. We have not only advanced our program objectives, but we have adapted as our stakeholders identified new focus areas. Many of these are not easy challenges to solve. As such, we seek to partner with other like-minded companies in the effort. If you are a stakeholder and this report does not provide information necessary for your programming, we invite you to contact us. We look forward to an open dialogue.

If there are further questions that we can answer, please feel free to communicate with the following primary points of contact:

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APPENDIX

About this Report

ASR Group established a new global sustainability function in FY21. This is our third sustainability report since FY18. We have not sought external assurance from third parties with respect to the information presented in this report. This Sustainability Report provides a concise overview of our strategic priorities for sustainability as well as initial commitments and goals, which we will continue to develop in future reports. We see this as an iterative process and will continue to ask for feedback from key stakeholders on how we can improve our reporting and disclosures each year.

Scope and Time Horizon of this Report

This report details our efforts in key target areas relating to corporate social responsibility and operational sustainability during FY22, which covered October 2021 to September 2022. FY12 serves as our baseline year. This is done under an operational control dynamic as opposed to equity control.

Scope and Scale of Operations Included:

Sugar Refineries and Sugar Mills

Baltimore, Maryland – USA
Chalmette, Louisiana – USA
Crockett, California – USA
Yonkers, New York – USA
Lisbon, Portugal – EU
London, England – EU
Toronto, Ontario – Canada
Veracruz – Mexico
Orange Walk – Belize
Brindisi – Italy

Non-Refinery Operations

Buffalo, New York – USA
Calumet, Illinois – USA
Chicago, Illinois – USA
Nashville, Tennessee – USA
Cleveland, Ohio – USA
Plaistow, England – EU
Belleville, Ontario – Canada
Fortin – Mexico

Data from administrative office locations in Florida, Veracruz, London and Mexico City was limited and is not included in the boundary of this report. Water, energy, waste and GHG emissions for these facilities are de minimus in the scope of our operations. Fuel use and electricity purchase in agriculture operations in Belize and Mexico were included with the mill reports. Non-mechanical agricultural GHG influences are still being assessed.

Forward-Looking Statements

This report contains forward-looking statements regarding our plans and expectations with respect to sustainability. The forward-looking statements include the goals and commitments described in this report and the other statements that address our future, which include statements that are introduced with words such as expect, intend, anticipate, plan, and phrases of similar import. Actual results may differ materially from the results suggested by the forward-looking statements for a range of reasons, including the need to develop new technology, the cost of developing that technology and of delivering that technology, the acceptance of and demand for that technology by our distributors and farmers, competitive responses from other manufacturers of equipment, intellectual property claims by others, the need and challenges in attracting and retaining qualified employees, government regulation, and other factors. We disclaim any obligation to update any forward-looking statements.

FY22 GHG Emissions MT CO_2e ASR Group

Collective CDP Filing (all products)	Total	ASR Group Refining	ASR Group Milling	All NROs
Scope 1	**553,878 MT**	**533,050 MT**	**16,555 MT**	**4,273 MT**
Scope 2	**149,118 MT**	**142,671 MT**	**2,451 MT**	**3,996 MT**
Location Based Scope 2	151,511 MT	144,645 MT	2,451 MT	4,415 MT
Market Based Scope 2	149,118 MT	142,671 MT	2,451 MT	3,996 MT
Scope 3	**2,157,560 MT**	**1,939,485 MT**	**92,030 MT**	**262,020 MT**
Purchase goods and services	1,628,316 MT	1,480,283 MT	54,860 MT	231,906 MT
Sugar Supply	1,422,801 MT	1,375,493 MT	47,309 MT	138,733 MT
Raw Material Procurement (Ingredients)	156,203 MT	67,326 MT	3,813 MT	85,065 MT
Raw Material Procurement (Packaging)	32,077 MT	23,825 MT	724 MT	7,528 MT
Raw Material Procurement (Maintenance Materials)	17,235 MT	13,640 MT	3,015 MT	581 MT
Capital goods	8,143 MT	7,132 MT	573 MT	438 MT
Fuel-and-energy-related activities (not included in Scope 1 or 2)	92,365 MT	87,314 MT	2,881 MT	2,170 MT
Upstream transportation and distribution	186,556 MT	151,509 MT	17,454 MT	14,836 MT
Sugar Supply	169,726 MT	142,478 MT	17,024 MT	10,225 MT
Raw Material Procurement (Ingredients)	9,353 MT	5,447 MT	22 MT	3,883 MT
Raw Material Procurement (Packaging)	1,964 MT	1,440 MT	49 MT	475 MT
Raw Material Procurement (Maintenance Materials)	2,589 MT	2,143 MT	359 MT	87 MT
Capital Goods	2,923 MT	2,542 MT	216 MT	165 MT
Waste generated in operations	25,395 MT	22,328 MT	2,887 MT	180 MT
Business travel	1,950 MT	1,396 MT	357 MT	197 MT
Employee commute	10,879 MT	8,186 MT	1,452 MT	1,241 MT
Downstream transportation and distribution	197,803 MT	175,914 MT	11,259 MT	10,630 MT
End of life treatment of sold products	6,153 MT	5,423 MT	307 MT	422 MT
Biogenic - Out of Scope	**473,039 MT**	**20,505 MT**	**452,534 MT**	**0 MT**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) ASR Group

Product LCA - All Products - With Non-attributable Scope 3 categories	Total	ASR Group Refining	ASR Group Milling	All NROs
All Scopes (All Products) Kg CO_2e/ Kg Product		0.689	0.371	1.179
Scope 1 (All Products) Kg CO_2e/ Kg Product		0.140	0.055	0.019
Scope 2 (All Products) Kg CO_2e/ Kg Product		0.038	0.008	0.017
Scope 2 - Location Based - Kg CO_2e/ Kg Product		0.038	0.008	0.019
Scope 2 - Market Based - Kg CO_2e/ Kg Product		0.038	0.008	0.017
Scope 3 (All Products) Kg CO_2e/ Kg Product		0.511	0.307	1.143
Biogenic Out of Scope (All Products) Kg CO_2/ Kg Product		0.027	1.058	0.000

Product LCA - Sugar Products without Non-attributable Scope 3 categories	Total	ASR Group Refining	ASR Group Mill Refining	All NROs
All Scopes (Food grade Sugars) - Kg CO_2e/ Kg Product		0.679	0.379	1.165
Scope 1 (Food grade Sugars) Kg CO_2e/ Kg Product		0.140	0.062	0.019
Scope 2 (Food grade Sugars) Kg CO_2e/ Kg Product		0.038	0.009	0.017
Scope 2 - Location Based - Kg CO_2e/ Kg Product		0.038	0.009	0.019
Scope 2 - Market Based - Kg CO_2e/ Kg Product		0.038	0.009	0.017
Scope 3 (Food grade Sugars) Kg CO_2e/ Kg Product		0.501	0.308	1.129
Biogenic Out of Scope (Food grade Sugars) Kg CO_2/ Kg Product		0.771	0.645	0.000

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) ASR Group, continued

Product LCA - Raw Sugar without Non-attributable Scope 3 categories	Total	ASR Group Refining	ASR Group Milling	All NROs
All Scopes (Raw Sugar) - Kg CO_2e/ Kg Product			0.282	
Scope 1 (Raw Sugar) Kg CO_2e/ Kg Product			0.036	
Scope 2 (Raw Sugar) Kg CO_2e/ Kg Product			0.007	
Scope 2 - Location Based - Kg CO_2e/ Kg Product			0.007	
Scope 2 - Market Based - Kg CO_2e/ Kg Product			0.007	
Scope 3 (Raw Sugar) Kg CO_2e/ Kg Product			0.238	
Biogenic Out of Scope (Raw Sugar) Kg CO_2/ Kg Product			0.761	

Product LCA - Molasses without Non-attributable Scope 3 categories	Total	ASR Group Refining	ASR Group Milling	All NROs
All Scopes (Molasses) - Kg CO_2e/ Kg Product		0.679	0.359	
Scope 1 (Molasses) Kg CO_2e/ Kg Product		0.140	0.055	
Scope 2 (Molasses) Kg CO_2e/ Kg Product		0.038	0.008	
Scope 2 -Location Based - Kg CO_2e/ Kg Product		0.038	0.008	
Scope 2 - Market Based - Kg CO_2e/ Kg Product		0.038	0.008	
Scope 3 (Molasses) Kg CO_2e/ Kg Product		0.501	0.295	
Biogenic Out of Scope (Molasses) Kg CO_2/ Kg Product		0.771	1.058	

FY22 GHG Emissions MT CO_2e European Operations

Collective CDP Filing (all products)	European Region	European Refining	European NROs	Thames	Lisbon	Brindisi	Plaistow
Scope 1	**116,177 MT**	**115,229 MT**	**948 MT**	**87,115 MT**	**26,731 MT**	**1,383 MT**	**948 MT**
Scope 2	**3,002 MT**	**3,002 MT**	**0 MT**	**0 MT**	**2,962 MT**	**39 MT**	**0 MT**
Location Based Scope 2	5,391 MT	4,988 MT	404 MT	2,514 MT	2,453 MT	21 MT	404 MT
Market Based Scope 2	3,002 MT	3,002 MT	0 MT	0 MT	2,962 MT	39 MT	0 MT
Scope 3	**401,105 MT**	**396,861 MT**	**16,945 MT**	**251,376 MT**	**81,782 MT**	**63,703 MT**	**16,945 MT**
Purchase goods and services	276,419 MT	273,798 MT	15,322 MT	168,082 MT	59,313 MT	46,403 MT	15,322 MT
Sugar Supply	249,234 MT	249,234 MT	12,701 MT	152,728 MT	54,828 MT	41,678 MT	12,701 MT
Raw Material Procurement (Ingredients)	18,052 MT	16,430 MT	1,622 MT	10,567 MT	2,923 MT	2,940 MT	1,622 MT
Raw Material Procurement (Packaging)	5,715 MT	4,827 MT	888 MT	2,414 MT	1,179 MT	1,234 MT	888 MT
Raw Material Procurement (Maintenance Materials)	3,418 MT	3,306 MT	112 MT	2,373 MT	383 MT	550 MT	112 MT
Capital goods	1,546 MT	1,510 MT	36 MT	920 MT	345 MT	245 MT	36 MT
Fuel-and-energy-related activities (not included in Scope 1 or 2)	17,697 MT	17,392 MT	305 MT	15,830 MT	713 MT	848 MT	305 MT
Upstream transportation and distribution	62,641 MT	62,482 MT	158 MT	41,518 MT	12,015 MT	8.948 MT	158 MT
Sugar Supply	59,846 MT	59,827 MT	20 MT	39,865 MT	11,552 MT	8,410 MT	20 MT
Raw Material Procurement (Ingredients)	1,421 MT	1,365 MT	56 MT	929 MT	213 MT	222 MT	56 MT
Raw Material Procurement (Packaging)	334 MT	278 MT	56 MT	143 MT	67 MT	68 MT	56 MT
Raw Material Procurement (Maintenance Materials)	457 MT	443 MT	13 MT	235 MT	52 MT	156 MT	13 MT
Capital Goods	583 MT	569 MT	14 MT	347 MT	130 MT	92 MT	14 MT
Waste generated in operations	986 MT	959 MT	27 MT	598 MT	100 MT	261 MT	27 MT
Business travel	494 MT	454 MT	40 MT	240 MT	104 MT	110 MT	40 MT
Employee commute	2,074 MT	1,914 MT	581 MT	955 MT	466 MT	493 MT	159 MT
Downstream transportation and distribution	38,270 MT	37,396 MT	5,052 MT	22,653 MT	8,509 MT	6,234 MT	874 MT
End of life treatment of sold products	979 MT	957 MT	119 MT	580 MT	218 MT	159 MT	23 MT
Biogenic - Out of Scope	**103,732 MT**	**103,732 MT**	**127,387 MT**	**0 MT**	**0 MT**	**103,732 MT**	**0 MT**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) European Operations

Product LCA - All Products - With Non-attributable Scope 3 categories	European Refining	European NROs	Thames	Lisbon	Brindisi	Plaistow
All Scopes (All Products) Kg CO_2e/ Kg Product	**0.638**	**0.948**	**0.692**	**0.607**	**0.484**	**0.948**
Scope 1 (All Products) Kg CO_2e/ Kg Product	**0.143**	**0.050**	**0.178**	**0.146**	**0.010**	**0.050**
Scope 2 (All Products) Kg CO_2e/ Kg Product	**0.004**	**0.000**	**0.000**	**0.016**	**0.000**	**0.000**
Scope 2 -Location Based - Kg CO_2e/ Kg Product	0.006	0.021	0.005	0.013	0.000	0.021
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.004	0.000	0.000	0.016	0.000	0.000
Scope 3 (All Products) Kg CO_2e/ Kg Product	**0.492**	**0.898**	**0.514**	**0.445**	**0.474**	**0.898**
Biogenic Out of Scope (All Products) Kg CO_2/ Kg Product	**0.128**	**0.000**	**0.000**	**0.000**	**0.771**	**0.000**

Product LCA - Sugar Products without Non-attributable Scope 3 categories	European Refining	European NROs	Thames	Lisbon	Brindisi	Plaistow
All Scopes (Food grade Sugars) - Kg CO_2e/ Kg Product	**0.627**	**0.928**	**0.681**	**0.598**	**0.471**	**0.928**
Scope 1 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.143**	**0.050**	**0.178**	**0.146**	**0.010**	**0.050**
Scope 2 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.004**	**0.000**	**0.000**	**0.016**	**0.000**	**0.000**
Scope 2 -Location Based - Kg CO_2e/ Kg Product	0.006	0.021	0.005	0.013	0.000	0.021
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.004	0.000	0.000	0.016	0.000	0.000
Scope 3 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.481**	**0.878**	**0.503**	**0.436**	**0.460**	**0.878**
Biogenic Out of Scope (Food grade Sugars) Kg CO_2/ Kg Product	**0.771**	**0.000**	**0.000**	**0.000**	**0.771**	**0.000**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) European Operations, continued

Product LCA - Molasses without Non-attributable Scope 3 categories	European Refining	European NROs	Thames	Lisbon	Brindisi	Plaistow
All Scopes (Molasses) - Kg CO_2e/ Kg Product	**0.627**		**0.681**	**0.598**	**0.471**	
Scope 1 (Molasses) Kg CO_2e/ Kg Product	**0.143**		**0.178**	**0.146**	**0.010**	
Scope 2 (Molasses) Kg CO_2e/ Kg Product	**0.004**		**0.000**	**0.016**	**0.000**	
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.006		0.005	0.013	0.000	
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.004		0.000	0.016	0.000	
Scope 3 (Molasses) Kg CO_2e/ Kg Product	**0.481**		**0.503**	**0.436**	**0.460**	
Biogenic Out of Scope (Molasses) Kg CO_2/ Kg Product	**0.771**		**0.000**	**0.000**	**0.771**	

FY22 GHG Emissions MT CO_2e Latin and Central American Operations

Collective CDP Filing (all products)	LATAM/ Central America	LATAM/ Central Amer. Milling	LATAM/ Central Amer. NRO	BSI	ISN	Fortin
Scope 1	**16,555 MT**	**16,555 MT**	**0 MT**	**6,106 MT**	**10,449 MT**	**0 MT**
Scope 2	**2,624 MT**	**2,451 MT**	**173 MT**	**1,191 MT**	**1,260 MT**	**173 MT**
Location Based Scope 2	2,624 MT	2,451 MT	173 MT	1,191 MT	1,260 MT	173 MT
Market Based Scope 2	2,624 MT	2,451 MT	173 MT	1,191 MT	1,260 MT	173 MT
Scope 3	**93,209 MT**	**92,030 MT**	**4,174 MT**	**47,868 MT**	**44,379 MT**	**4,179 MT**
Purchase goods and services	55,165 MT	54,860 MT	3,522 MT	32,663 MT	22,197 MT	3,522 MT
Sugar Supply	47,309 MT	47,309 MT	3,217 MT	28,445 MT	18,864 MT	3,217 MT
Raw Material Procurement (Ingredients)	3,845 MT	3,813 MT	32 MT	2,130 MT	1,683 MT	32 MT
Raw Material Procurement (Packaging)	990 MT	724 MT	266 MT	405 MT	320 MT	266 MT
Raw Material Procurement (Maintenance Materials)	3,022 MT	3,015 MT	7 MT	1,684 MT	1,331 MT	7 MT
Capital goods	587 MT	573 MT	15 MT	320 MT	253 MT	15 MT
Fuel-and-energy-related activities (not included in Scope 1 or 2)	2,948 MT	2,881 MT	67 MT	848 MT	2,033 MT	67 MT
Upstream transportation and distribution	17,828 MT	17,454 MT	152 MT	6,535 MT	11,134 MT	158 MT
Sugar Supply	17,087 MT	17,024 MT	63 MT	6,175 MT	10,849 MT	63 MT
Raw Material Procurement (Ingredients)	90 MT	22 MT	67 MT	12 MT	10 MT	67 MT
Raw Material Procurement (Packaging)	64 MT	49 MT	15 MT	27 MT	22 MT	15 MT
Raw Material Procurement (Maintenance Materials)	366 MT	359 MT	7 MT	200 MT	158 MT	7 MT
Capital Goods	222 MT	216 MT	6 MT	121 MT	95 MT	6 MT
Waste generated in operations	2,889 MT	2,887 MT	3 MT	1,640 MT	1,247 MT	3 MT
Business travel	366 MT	357 MT	9 MT	108 MT	249 MT	9 MT
Employee commute	1,484 MT	1,452 MT	32 MT	581 MT	871 MT	32 MT
Downstream transportation and distribution	11,619 MT	11,259 MT	360 MT	5,052 MT	6,206 MT	360 MT
End of life treatment of sold products	322 MT	307 MT	15 MT	119 MT	188 MT	15 MT
Biogenic - Out of Scope	**317,024 MT**	**317,024 MT**	**0 MT**	**127,387 MT**	**189,637 MT**	**0 MT**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) Latin and Central American Operations

Product LCA - All Products - With Non-attributable Scope 3 categories	LATAM/ Central Amer. Milling	LATAM/ Central Amer. NRO	BSI	ISN	Fortin
All Scopes (All Products) Kg CO_2e/ Kg Product	**0.371**	**0.561**	**0.330**	**0.424**	**0.561**
Scope 1 (All Products) Kg CO_2e/ Kg Product	**0.055**	**0.000**	**0.036**	**0.079**	**0.000**
Scope 2 (All Products) Kg CO_2e/ Kg Product	**0.008**	**0.022**	**0.007**	**0.010**	**0.022**
Scope 2 -Location Based - Kg CO_2e/ Kg Product	0.008	0.022	0.007	0.010	0.022
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.008	0.022	0.007	0.010	0.022
Scope 3 (All Products) Kg CO_2e/ Kg Product	**0.307**	**0.539**	**0.286**	**0.336**	**0.539**
Biogenic Out of Scope (All Products) Kg CO_2/ Kg Product	**1.058**	**0.000**	**0.761**	**1.434**	**0.000**

Product LCA - Sugar Products without Non-attributable Scope 3 categories	LATAM/ Central Amer. Milling	LATAM/ Central Amer. NRO	BSI	ISN	Fortin
All Scopes (Food grade Sugars) - Kg CO_2e/ Kg Product	**0.379**	**0.549**	**0.328**	**0.439**	**0.549**
Scope 1 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.062**	**0.000**	**0.036**	**0.102**	**0.000**
Scope 2 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.009**	**0.022**	**0.007**	**0.014**	**0.022**
Scope 2 -Location Based - Kg CO_2e/ Kg Product	0.009	0.022	0.007	0.014	0.022
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.009	0.022	0.007	0.014	0.022
Scope 3 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.308**	**0.527**	**0.285**	**0.323**	**0.527**
Biogenic Out of Scope (Food grade Sugars) Kg CO_2/ Kg Product	**1.173**	**0.000**	**0.761**	**1.434**	**0.000**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) Latin and Central American Operations, continued

Product LCA - Raw Sugar without Non-attributable Scope 3 categories	LATAM/ Central Amer. Milling	LATAM/ Central Amer. NRO	BSI	ISN	Fortin
All Scopes (All Products) Kg CO_2e/ Kg Product	**0.282**		**0.282**	**0.000**	
Scope 1 (All Products) Kg CO_2e/ Kg Product	**0.036**		**0.036**	**0.000**	
Scope 2 (All Products) Kg CO_2e/ Kg Product	**0.007**		**0.007**	**0.000**	
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.007		0.007	0.000	
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.007		0.007	0.000	
Scope 3 (All Products) Kg CO_2e/ Kg Product	**0.238**		**0.238**	**0.000**	
Biogenic Out of Scope (Raw Sugar) Kg CO_2/ Kg Product	**0.761**		**0.761**	**0.000**	

Product LCA - Molasses without Non-attributable Scope 3 categories	LATAM/ Central Amer. Milling	LATAM/ Central Amer. NRO	BSI	ISN	Fortin
All Scopes (Molasses) - Kg CO_2e/ Kg Product	**0.359**		**0.328**	**0.397**	
Scope 1 (Molasses) Kg CO_2e/ Kg Product	**0.055**		**0.036**	**0.079**	
Scope 2 (Molasses) Kg CO_2e/ Kg Product	**0.008**		**0.007**	**0.010**	
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.008		0.007	0.010	
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.008		0.007	0.010	
Scope 3 (Molasses) Kg CO_2e/ Kg Product	**0.295**		**0.285**	**0.309**	
Biogenic Out of Scope (Molasses) Kg CO_2/ Kg Product	**1.058**		**0.761**	**1.434**	

FY22 GHG Emissions MT CO_2e North American Operations

Collective CDP Filing (all products)	NA Region	NA Refining	NA NROs
Scope 1	**421,146 MT**	**417,821 MT**	**3,325 MT**
Scope 1 reported w/ CFC reported	421,146 MT	417,821 MT	3,325 MT
Scope 2	**143,493 MT**	**139,669 MT**	**3,823 MT**
Location Based Scope 2	143,497 MT	139,658 MT	3,839 MT
Market Based Scope 2	143,493 MT	139,669 MT	3,823 MT
Scope 3	**1,663,246 MT**	**1,543,193 MT**	**240,750 MT**
Purchase goods and services	1,296,732 MT	1,206,485 MT	213,062 MT
Sugar Supply	1,126,259 MT	1,126,259 MT	122,815 MT
Raw Material Procurement (Ingredients)	134,306 MT	50,895 MT	83,411 MT
Raw Material Procurement (Packaging)	25,372 MT	18,998 MT	6,374 MT
Raw Material Procurement (Maintenance Materials)	10,795 MT	10,333 MT	462 MT
Capital goods	6,009 MT	5,622 MT	387 MT
Fuel-and-energy-related activities (not included in Scope 1 or 2)	71,720 MT	69,922 MT	1,798 MT
Upstream transportation and distribution	106,088 MT	89,596 MT	14,374 MT
Sugar Supply	92,793 MT	82,651 MT	10,142 MT
Raw Material Procurement (Ingredients)	7,843 MT	4,083 MT	3,760 MT
Raw Material Procurement (Packaging)	1,567 MT	1,162 MT	405 MT
Raw Material Procurement (Maintenance Materials)	1,767 MT	1,700 MT	67 MT
Capital Goods	2,119 MT	1,972 MT	146 MT
Waste generated in operations	21,520 MT	21,370 MT	150 MT
Business travel	1,090 MT	942 MT	148 MT
Employee commute	7,321 MT	6,272 MT	1,049 MT
Downstream transportation and distribution	147,914 MT	138,518 MT	9,397 MT
End of life treatment of sold products	4,852 MT	4,467 MT	385 MT
Biogenic - Out of Scope	**0 MT**	**0 MT**	**0 MT**

FY22 GHG Emissions MT CO_2e North American Operations, continued

Collective CDP Filing (all products)	Toronto	Belleville	Yonkers	Baltimore	Chalmette	Crockett	Buffalo	Nashville	Cleveland	Chicago	Calumet
Scope 1	**74,924 MT**	**344 MT**	**80,923 MT**	**109,503 MT**	**149,081 MT**	**3,390 MT**	**222 MT**	**10 MT**	**1,239 MT**	**452 MT**	**1,058 MT**
Scope 1 reported	**74,924 MT**	**344 MT**	80,923 MT	**109,503 MT**	149,081 MT	3,390 MT	222 MT	10.4 MT	1,238.9 MT	452 MT	1,057.6 MT
Scope 2	**205 MT**	**106 MT**	**274 MT**	**2,689 MT**	**7,479 MT**	**129,022 MT**	**566 MT**	**482 MT**	**2,234 MT**	**229 MT**	**206 MT**
Location Based Scope 2	205 MT	106 MT	274 MT	2,700 MT	7,474 MT	129,005 MT	569 MT	485 MT	2,243 MT	230 MT	207 MT
Market Based Scope 2	205 MT	106 MT	274 MT	2,689 MT	7,479 MT	129,022 MT	566 MT	482 MT	2,234 MT	229 MT	206 MT
Scope 3	**259,515 MT**	**119,724 MT**	**248,107 MT**	**346,345 MT**	**413,676 MT**	**277,522 MT**	**40,109 MT**	**16,404 MT**	**16,328 MT**	**39,441 MT**	**8,889 MT**
Purchase goods and services	202,850 MT	111,610 MT	198,098 MT	270,868 MT	321,593 MT	213,076 MT	33,363 MT	14,254 MT	13,034 MT	33,413 MT	7,388 MT
Sugar Supply	185,872 MT	25,817 MT	191,046 MT	248,755 MT	301,752 MT	198,834 MT	32,309 MT	13,823 MT	10,690 MT	33,241 MT	6,935 MT
Raw Material Procurement (Ingredients)	13,276 MT	81,754 MT	5,584 MT	13,761 MT	11,406 MT	6,869 MT	1,055 MT	242 MT	91 MT	37 MT	232 MT
Raw Material Procurement (Packaging)	2,242 MT	3,847 MT	160 MT	5,777 MT	5,753 MT	5,066 MT	0 MT	161 MT	2,066 MT	109 MT	191 MT
Raw Material Procurement (Maintenance Materials)	1,459 MT	192 MT	1,309 MT	2,576 MT	2,682 MT	2,307 MT	0 MT	27 MT	187 MT	26 MT	30 MT
Capital goods	1,127 MT	119 MT	886 MT	1,184 MT	1,408 MT	1,017 MT	91 MT	36 MT	29 MT	94 MT	19 MT
Fuel-and-energy-related activities (not included in Scope 1 or 2)	91 MT	37 MT	14,232 MT	19,688 MT	28,305 MT	7,606 MT	216 MT	234 MT	916 MT	149 MT	246 MT
Upstream transportation and distribution	26,716 MT	4,739 MT	10,433 MT	22,320 MT	5,041 MT	27,059 MT	3,686 MT	859 MT	1,244 MT	3,334 MT	657 MT
Sugar Supply	25,466 MT	953 MT	9,281 MT	19,787 MT	2,813 MT	25,304 MT	3,572 MT	730 MT	1,085 MT	3,271 MT	531 MT
Raw Material Procurement (Ingredients)	438 MT	3,463 MT	653 MT	1,040 MT	1,172 MT	779 MT	80 MT	100 MT	7 MT	15 MT	96 MT
Raw Material Procurement (Packaging)	123 MT	251 MT	8 MT	318 MT	332 MT	382 MT	0 MT	9 MT	118 MT	7 MT	20 MT
Raw Material Procurement (Maintenance Materials)	264 MT	27 MT	156 MT	729 MT	340 MT	210 MT	0 MT	7 MT	24 MT	6 MT	3 MT
Capital Goods	425 MT	45 MT	334 MT	446 MT	384 MT	384 MT	34 MT	14 MT	11 MT	35 MT	7 MT
Waste generated in operations	210 MT	20 MT	817 MT	298 MT	19,128 MT	918 MT	13 MT	5 MT	31 MT	19 MT	63 MT
Business travel	133 MT	28 MT	139 MT	253 MT	203 MT	215 MT	58 MT	5 MT	41 MT	9 MT	6 MT
Employee commute	617 MT	157 MT	799 MT	1,399 MT	1,894 MT	1,562 MT	394 MT	92 MT	309 MT	63 MT	33 MT
Downstream transportation and distribution	27,771 MT	2,895 MT	21,822 MT	29,160 MT	34,707 MT	25,058 MT	2,198 MT	883 MT	695 MT	2,267 MT	459 MT
End of life treatment of sold products	0 MT	119 MT	881 MT	1,176 MT	1,399 MT	1,011 MT	90 MT	36 MT	28 MT	93 MT	18 MT
Biogenic - Out of Scope	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**	**0 MT**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) North American Operations

Product LCA - All Products - With Non-attributable Scope 3 categories	NA Refining	NA NROs
All Scopes (All Products) Kg CO_2e/ Kg Product	**0.702**	**1.223**
Scope 1 (All Products) Kg CO_2e/ Kg Product	**0.140**	**0.016**
Scope 2 (All Products) Kg CO_2e/ Kg Product	**0.047**	**0.019**
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.047	0.019
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.047	0.019
Scope 3 (All Products) Kg CO_2e/ Kg Product	**0.516**	**1.188**
Biogenic Out of Scope (All Products) Kg CO_2/ Kg Product	**0.000**	**0.000**

Product LCA - Sugar Products without Non-attributable Scope 3 categories	NA Refining	NA NROs
All Scopes (Food Grade Sugars) - Kg CO_2e/ Kg Product	**0.693**	**1.211**
Scope 1 (Food Grade Sugars) Kg CO_2e/ Kg Product	**0.140**	**0.016**
Scope 2 (Food grade Sugars) Kg CO_2e/ Kg Product	**0.047**	**0.019**
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.047	0.019
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.047	0.019
Scope 3 (Food Grade Sugars) Kg CO_2e/ Kg Product	**0.507**	**1.176**
Biogenic Out of Scope (Food Grade Sugars) Kg CO_2/ Kg Product	**0.000**	**0.000**

Product LCA - Molasses without Non-attributable Scope 3 categories	NA Refining	NA NROs
All Scopes (Molasses) - Kg CO_2e/ Kg Product	**0.693**	
Scope 1 (Molasses) Kg CO_2e/ Kg Product	**0.140**	
Scope 2 (Molasses) Kg CO_2e/ Kg Product	**0.047**	
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.047	
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.047	
Scope 3 (Molasses) Kg CO_2e/ Kg Product	**0.507**	
Biogenic Out of Scope (Molasses) Kg CO_2/ Kg Product	**0.000**	

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) North American Operations, continued

Product LCA - All Products - With Non-attributable Scope 3 categories	Toronto	Belleville	Yonkers	Baltimore	Chalmette	Crockett	Buffalo	Nashville	Cleveland	Chicago	Calumet
All Scopes (All Products) - Kg CO_2e/ Kg Product	**0.558**	**1.923**	**0.699**	**0.728**	**0.762**	**0.758**	**0.861**	**0.886**	**1.320**	**0.819**	**1.048**
Scope 1 (All Products) Kg CO_2e/ Kg Product	**0.125**	**0.005**	**0.172**	**0.174**	**0.199**	**0.006**	**0.005**	**0.001**	**0.083**	**0.009**	**0.109**
Scope 2 (All Products) Kg CO_2e/ Kg Product	**0.000**	**0.002**	**0.001**	**0.004**	**0.010**	**0.238**	**0.012**	**0.025**	**0.149**	**0.005**	**0.021**
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.000	0.002	0.001	0.004	0.010	0.238	0.012	0.025	0.149	0.005	0.021
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.000	0.002	0.001	0.004	0.010	0.238	0.012	0.025	0.149	0.005	0.021
Scope 3 (All Products) Kg CO_2e/ Kg Product	**0.433**	**1.916**	**0.526**	**0.550**	**0.552**	**0.513**	**0.845**	**0.860**	**1.088**	**0.805**	**0.917**
Biogenic Out of Scope (All Products) Kg CO_2/ Kg Product	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

Product LCA - Sugar Products without Non-attributable Scope 3 categories	Toronto	Belleville	Yonkers	Baltimore	Chalmette	Crockett	Buffalo	Nashville	Cleveland	Chicago	Calumet
All Scopes (Food Grade Sugars) - Kg CO_2e/ Kg Product	**0.552**	**1.912**	**0.690**	**0.717**	**0.750**	**0.746**	**0.847**	**0.875**	**1.278**	**0.813**	**1.038**
Scope 1 (Food Grade Sugars) Kg CO_2e/ Kg Product	**0.125**	**0.005**	**0.172**	**0.174**	**0.199**	**0.006**	**0.005**	**0.001**	**0.083**	**0.009**	**0.109**
Scope 2 (Food Grade Sugars) Kg CO_2e/ Kg Product	**0.0003**	**0.002**	**0.001**	**0.004**	**0.010**	**0.238**	**0.012**	**0.025**	**0.149**	**0.005**	**0.021**
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.0003	0.002	0.001	0.004	0.010	0.238	0.012	0.025	0.149	0.005	0.021
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.0003	0.002	0.001	0.004	0.010	0.238	0.012	0.025	0.149	0.005	0.021
Scope 3 (Food Grade Sugars) Kg CO_2e/ Kg Product	**0.427**	**1.905**	**0.517**	**0.539**	**0.541**	**0.502**	**0.831**	**0.849**	**1.047**	**0.799**	**0.907**
Biogenic Out of Scope (Food Grade Sugars) Kg CO_2/ Kg Product	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**	**0.000**

FY22 GHG Emissions Intensity (Kg CO_2e / MT Product) North American Operations, continued

Product LCA - Molasses without Non-attributable Scope 3 categories	Toronto	Belleville	Yonkers	Baltimore	Chalmette	Crockett	Buffalo	Nashville	Cleveland	Chicago	Calumet
All Scopes (Molasses) - Kg CO_2e/ Kg Product	**0.552**		**0.690**	**0.717**	**0.750**	**0.746**					
Scope 1 (Molasses) Kg CO_2e/ Kg Product	**0.125**		**0.172**	**0.174**	**0.199**	**0.006**					
Scope 2 (Molasses) Kg CO_2e/ Kg Product	**0.003**		**0.001**	**0.004**	**0.010**	**0.238**					
Scope 2 - Location Based - Kg CO_2e/ Kg Product	0.003		0.001	0.004	0.010	0.238					
Scope 2 - Market Based - Kg CO_2e/ Kg Product	0.003		0.001	0.004	0.010	0.238					
Scope 3 (Molasses) Kg CO_2e/ Kg Product	**0.427**		**0.517**	**0.539**	**0.541**	**0.502**					
Biogenic Out of Scope (Molasses) Kg CO_2/ Kg Product	**0.000**		**0.000**	**0.000**	**0.000**	**0.000**					

Categories

Key Terminology	
Upstream leased assets	None identified at the time of this work.
Processing of sold products	Processing of sold raw sugar, molasses, or finished goods in secondary product systems by customers not yet.
Use of sold products	Determined as biogenic in nature given consumption of simple sugars yields energy in organism with byproducts of CO_2 and water; CO_2 fraction would be a biogenic emission, thus out of scope.
Downstream leased assets	Downstream leased 3rd party warehouse and copacking facilities for operational allocations are still being determined; None identified at the time of this work.
Franchises	Private ownership; None identified at the time of this work.
Investments	None identified at the time of this work.

Scope 3 Categories considered non-attributable
Purchase goods and services (Maintenance Materials)
Upstream transportation and distribution (Maintenance Materials & Capital Goods)
Capital Goods
Business travel
Employee commuting
Upstream leased assets
Processing of sold products
Use of sold products
End of life treatment of sold products
Downstream leased assets
Franchises
Investments

Glossary of Abbreviations and Key Terms

Glossary of Abbreviations

BTU:	British Thermal Unit
pCWT:	100 pounds of product
kW:	Kilowatt
kWh:	Kilowatt hour
MBTU:	1,000 BTUs
MMBTU:	1,000,000 BTUs
MT:	Metric Ton
mWh:	Megawatt hour
IPCC:	Intergovernmental Panel on Climate Change

Key Terminology

Base year/Baseline	A historic datum (a specific year or an average over multiple years) against which a company's emissions are tracked over time.
Biofuel	Fuel made from plant material, e.g. wood, straw and ethanol from plant matter.
Carbon sequestration	The uptake of CO_2 and storage of carbon in biological sinks.
Direct GHG emissions	Emissions from sources that are owned or controlled by the reporting company.
Emissions	The release of GHG into the atmosphere.
Emission factor	A factor allowing GHG emissions to be estimated from a unit of available activity data (e.g. metric tons of fuel consumed, metric tons of product produced) and absolute GHG emissions.
Greenhouse gases (GHG)	For the purposes of this standard, GHGs are the six gases listed in the Kyoto Protocol: carbon dioxide (CO_2); methane (CH_4); nitrous oxide (N_2O); hydrofluorocarbons (HFCs); perfluorocarbons (PFCs); and sulfur hexafluoride (SF_6).
GHG sink	Any physical unit or process that stores GHGs; usually refers to forests and underground/deep sea reservoirs of CO_2.
GHG source	Any physical unit or process which releases GHG into the atmosphere.
Indirect GHG emissions	Emissions that are a consequence of the operations of the reporting company, but occur at sources owned or controlled by another company.
Life Cycle Analysis	Assessment of the sum of a product's effects (e.g. GHG emissions) at each step in its life cycle, including resource extraction, production, use and waste disposal.
Product life cycle emissions	All the emissions associated with the production and use of a specific product, from cradle to grave, including emissions from raw materials, manufacture, transport, storage, sale, use and disposal.
Renewable energy	Energy taken from sources that are inexhaustible, e.g. wind, water, solar, geothermal energy, and biofuels.
Scope	In reference to its use within the Green House Gas Protocol, the operational boundaries in relation to indirect and direct GHG emissions.
Scope 1 inventory	A reporting organization's direct GHG emissions.
Scope 2 inventory	A reporting organization's emissions associated with the generation of electricity, heating/cooling, or steam purchased for own consumption.
Scope 3 inventory	A reporting organization's indirect emissions other than those covered in Scope 2 that occur in the value chain of the reporting company, including both upstream and downstream emissions.

Product Life Cycle Data Reliability Heat Map

The Heat Map on the following page represents our current state of data acquisition on Scopes 1, 2, and 3 carbon emissions. Scope 1 & 2 data quality is strong and information is collected via monthly operational reports. Scope 3 data is under review and is being further matured.

We will continue to improve upon our product's life cycle analysis as our own data and the GHG Protocol evolve. We believe our datasets are well established within our business units, and we have engaged with our suppliers to gain further insight into the raw materials or finished goods we use. We filled perceived voids in user specific emission factors with predictive models using the most accurate international databases or commonly accepted methodologies we could locate.

Value Chain Segment	Process	Scope	Refineries								Non-Refining Operations							Mexico/Belize			Corporate		
			TOR	YON	BAL	CHA	CRO	SID	THA	BRI	PLA	CHI	CLE	CAL	NAS	BUF	BEL	ISN	FOR	BSI	WPB	LON	MXC
Land Use Change	Land Use	1 | 3																					
Farms	Cane Production	1 | 2 | 3																					
Mills	Transportation to Mills	1 | 3																					
	Milling Operations	1 | 2 | 3																					
Transport to Location	Raw Sugar	1 | 3																					
	Ingredients	3																					
	Chemicals	3																					
	Maintenance Materials	3																					
	Packaging	3																					
Materials Production & Use	Raw Sugar	3																					
	Ingredients	3																					
	Chemicals	3																					
	Maintenance Materials	3																					
	Packaging	3																					
Refineries & Mills	Energy Production & Use	1 | 2																					
	Water Usage	1 | 3																					
	Waste Treatment	1 | 3																					
	Self-generated Solid Waste	3																					
	Refrigerants	1 | 3																					
	Transportation to Warehouse	1 | 3																					
	3rd Party Warehousing	3																					
	Transportation to Consumer	1 | 3																					
	Packaging End of Life	3																					
NROs/Goods Out Supply Chain	Transportation to NROs/Co-Packers	1 | 3																					
	Production at NROs/Co-Packers	1 | 2 | 3																					
	Transportation to Warehouses	1 | 3																					
	3rd Party Warehousing	3																					
	Transportation to Customer	1 | 3																					
Other	Business Travel	3																					
	Employee Commute	3																					
	Office Electricity Consumption	2																					
	Office Consumables Consumption	3																					

Currently tracked or modeled | Not currently tracked | Not applicable

Global Reporting Initiative (GRI) Standards

In preparing this report, we have considered the requirements, reporting principles and structure set out in the Global Reporting Initiative (GRI) standards as these are viewed as leading practice in sustainability reporting. Over the next financial year, we will work towards aligning the reported information to the requirements set out in the latest GRI standards.

Topic	Content	Page number and/or URL and/or direct report	Reference
UNIVERSAL STANDARDS			
General Disclosures			
The organization and its reporting practices	Organizational details	Cover page	GRI 2-1-a
		9	GRI 2-1-b
		9	GRI 2-1-c
		9	GRI 2-1-d
	Entities included in the organization's sustainability reporting	10	GRI 2-2-a
		Financial strategic report for UK divisons filed and publicly available in accordance with local regulation.	GRI 2-2-b
		Currently financial strategic reporting and sustainability reporting is not consolidated.	GRI 2-2-c
	Reporting period, frequency and contact point	5, 104	GRI 2-3-a
		5	GRI 2-3-b
		5, 130	GRI 2-3-c
		111	GRI 2-3-d
	Restatements of information	5, 21	GRI 2-4-a
	External assurance	113	GRI 2-5-a
		Currently not applicable but third-party validation programming in construction.	GRI 2-5-b

Global Reporting Initiative (GRI) Standards, continued

Topic	Content	Page number and/or URL and/or direct report	Reference
Activities and workers	Activities, value chain and other business relationships	9, 10-11, 24	GRI 2-6-a
		9, 10-11, 21, 26, 32, 69	GRI 2-6-b
		10	GRI 2-6-c
		No significant changes noted.	GRI 2-6-d
	Employees	9, total number of employees only	GRI 2-7-a
		DE&I metrics currently not tracked. In consideration, whilst monitoring global social and legislative discussions. May be incorporated in the future	GRI 2-7-b
		NA	GRI 2-7-c
		NA	GRI 2-7-d
		NA	GRI 2-7-e
	Workers who are not employees	Information not tracked	GRI 2-8-a
		NA	GRI 2-8-b
		NA	GRI 2-8-c
Governance	Governance structure and composition	104-105	GRI 2-9-a
		104-105	GRI 2-9-b
		105	GRI 2-9-c
	Nomination and selection of the highest governance body	Private industry. Internal Board selection process.	GRI 2-10-a
		Private industry. Internal Board selection process.	GRI 2-10-b
	Chair of the highest governance body	104	GRI 2-11-a
		Private industry. Internal Board selection process.	GRI 2-11-b
	Role of the highest governance body in overseeing the management of impacts	104-105	GRI 2-12-a
		104-105	GRI 2-12-b
		104-105	GRI 2-12-c

Global Reporting Initiative (GRI) Standards, continued

Topic	Content	Page number and/or URL and/or direct report	Reference
Governance, cont'd	Delegation of responsibility for managing impacts	104	GRI 2-13-a
		104	GRI 2-13-b
	Role of the highest governance body in sustainability reporting	104-105	GRI 2-14-a
		104-105	GRI 2-14-b
	Conflicts of interest	Conflicts of interest are addressed within our ASR Group Policies, available at asr-group.com specifically Code of Ethics Business Conduct.	GRI 2-15-a
			GRI 2-15-b
	Communication of critical concerns	104-105	GRI 2-16-a
		108	GRI 2-16-b
	Collective knowledge of the highest governance body	104	GRI 2-17-a
	Evaluation of the performance of the highest governance body	Private industry; according internal governance.	GRI 2-18-a
			GRI 2-18-b
			GRI 2-18-c
	Remuneration policies	DE&I metrics currently not tracked. In consideration, whilst monitoring global social and legislative discussions. May be incorporated in the future	GRI 2-19-a
		From CSO through to all management leaders, objective performance is tied to performance evaluation.	GRI 2-19-b
	Process to determine remuneration	From CSO through to all management leaders, objective performance is tied to performance evaluation.	GRI 2-20-a
		Private industry; not applicable.	GRI 2-20-b

Global Reporting Initiative (GRI) Standards, continued

Topic	Content	Page number and/or URL and/or direct report	Reference
Governance, cont'd	Annual total compensation ratio	DE&I metrics currently not tracked. In consideration, whilst monitoring global social and legislative discussions.	GRI 2-21-a
			GRI 2-21-b
			GRI 2-21-c
Strategy, policies and practices	Statement on sustainable development strategy	3	GRI 2-22-a
	Policy commitments	14, 59-60, 69, 72, 109	GRI 2-23-a
		14, 59-60, 69, 72, 109	GRI 2-23-b
	Embedding policy comments	14, 59-60, 72, 104, 109	GRI 2-24-a
	Processes to remediate negative impacts	61, 107	GRI 2-25-a
		108-109	GRI 2-25-b
		61, 107	GRI 2-25-c
		109	GRI 2-25-d
		108-109	GRI 2-25-e
	Mechanisms for seeking advice and raising concerns	109	GRI 2-26-a
	Compliance with laws and regulations	At publication, there were no significant instances reported.	GRI 2-27-a
		During FY22, ASR Group incurred a fine of $4,350. In FY21, it incurred 6 fines amounting to a total of $6,688.	GRI 2-27-b
		At publication, there were no significant instances reported.	GRI 2-27-c
		NA	GRI 2-27-d
	Membership assocations	72	GRI 2-28-a
Stakeholder engagement	Approach to stakeholder engagement	7, 12, 14-15, 107, 109, 111, 113	GRI 2-29-a
	Collective bargaining agreements		GRI 2-30-a
			GRI 2-30-b

Global Reporting Initiative (GRI) Standards, continued

Topic	Content	Page number and/or URL and/or direct report	Reference
Material Topics			
Disclosures on material topics	Process to determine material topics	12-15	GRI 3-1-a
		14-15	GRI 3-1-b
	List of material topics	12-14	GRI 3-2-a
		Refer to FY21 Sustainability Report.	GRI 3-2-b
	Management of material topics	13-15	GRI 3-3-a
		13-15	GRI 3-3-b
		13-15	GRI 3-3-c
		13-15	GRI 3-3-e
		13-15	GRI 3-3-f
Economic Disclosures			
Procurement practices	Proportion of spending on minority suppliers	86	Organization-specific
Anti-corruption	Anti-Corruption Due Diligence Program	108	Organization-specific
Environmental Disclosures			
Materials	Packaging	51	Organization-specific
Energy	Energy Conservation Initiatives	26-27	Organization-specific
	Renewable Energy	28-29	Organization-specific
Water and Effluents	Water consumption	39	Organization-specific
	Waste water discharge	40-41	Organization-specific
	Water conservation initiatives	40-41	Organization-specific
Emissions	GHG emissions intensity	22, 116-125	GRI 305-4-a
		22, 116-125	GRI 305-4-b
		22, 116-125	GRI 305-4-c
		Please refer to 2023 CDP public disclosure as ASR Group.	GRI 305-4-d
Waste	Waste reduction	42-45	Organization-specific
	Waste reduction initiatives	43, 47-49	Organization-specific

Global Reporting Initiative (GRI) Standards, continued

Topic	Content	Page number and/or URL and/or direct report	Reference
Supplier environmental assessment	Suppliers assessed using environmental criteria	28-29	Organization-specific
Social Disclosures			
Employment	Employee benefits	78	GRI 401-2
Occupational Health and Safety	Health and Wellness	78	Organization-specific
	Work-related injuries	79	Organization-specific
Training and Education	Employee development programs	89	Organization-specific
Diversity and Equal Opportunity	Ratio of basic salary and remuneration of women to men	84	Organization-specific
Labor Practices	Child labor	60, 62, 64-65, 67	Organization-specific
Rights of Indigenous People	Land rights	72	Organization-specific
Human Rights	Human rights	72	Organization-specific
Local Communities	Community engagement, impact assessments, and development programs	62-67, 93-102	Organization-specific
Supplier Social Assessment	Suppliers assessed using social criteria	60-61	Organization-specific
Public Policy	Political contributions	ASR Group does not make political contributions on the federal level. It does contribute on the state and local levels. Information pertaining ASR Group's political contributions is publicly available on election site boards.	GRI 415-1
Marketing and Labelling	Packaging	51	Organization-specific
	Incidents on non-compliance concerning product and service information and labelling	There were no incidents of non-compliance reported during the reporting period	GRI 417-2
	Incidents on non-compliance concerning marketing communications	There were no incidents of non-compliance reported during the reporting period	GRI 417-3

2022
SUSTAINABILITY REPORT

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