

BUILT TO  
LAST





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## Forward Looking Statements

Except for historical information, all other information in this report consists of forward-looking statements within the meaning of federal securities law. These forward-looking statements involve a number of risks, uncertainties and other factors that may cause actual results to be materially different from those expressed or implied in the forward-looking statements. Important factors that could cause the statements made in this report or the actual results of operations or financial condition of the Company to differ are discussed under the caption “Forward Looking Statements” in the Company’s Form 10-K Annual Report for the year ended December 31, 2024 and in subsequent filings. The Company does not intend to review or revise any particular forward-looking statement in light of future events.

# Introduction

## From Our Leadership

### From Our CEO

Sustainability is about creating a resilient organization and environment that can thrive in the face of future challenges. Over the past year, we have made significant strides in our initiatives, focusing on innovation, responsibility and community engagement.

Guided by the principles of environmental stewardship, economic viability and industry-wide progress, we have invested in technologies to reduce our carbon footprint and improve our efficiencies as well as collaborated with local communities to drive positive change.

This report highlights our latest achievements, challenges and ongoing efforts. It showcases the dedication of our employees, partners, and stakeholders who share our vision of a sustainable future. Together, we are building an organization that is prepared for the future and designed to thrive in it.

Thank you to our dedicated teams around the world for your continued support and partnership. We look forward to working together further to truly ensure this industry is “Built to Last.”

Sincerely,



**Timothy J. Donahue**  
President, CEO & Chairman of the Board



### From Our Sustainability Lead

Our approach to sustainability goes beyond regulatory requirements. By integrating sustainable practices, we reduce costs, enhance operational output and drive ingenuity across the organization. Energy-efficient technologies and waste reduction strategies help us become more resourceful and lead to significant cost savings.

We continue to prioritize a few areas of sustainable performance:

**Higher Recycling Rates:** Reducing material waste and advancing circularity to improve product life cycles and footprints.

**Emissions Reduction:** Utilizing cleaner energy sources and improved production processes, resulting in lower energy costs and a healthier climate.

**Resource Preservation:** Maximizing resource value and protecting finite elements through sustainable sourcing and production practices.

Through these focus areas and more, our sustainability program creates lasting value for our organization and the communities we serve. By focusing on long-term impact, we contribute to a healthier planet and a more agile business. Sustainable practices drive innovation, improve our reputation and position us among industry leaders.

We are committed to continuous improvement with our dedicated workforce and partners and look forward to further milestones.

Sincerely,



**Dr. John M. Rost**  
Senior Vice President - Crown Technology,  
Global Sustainability & Regulatory Affairs



# A Commitment to Sustainability



In today’s rapidly changing world, “Built to Last” embodies our unwavering commitment to driving sustainability long-term. It signifies our dedication to creating solutions that endure, ensuring a healthier planet for future generations.

### Industry Infrastructure

We prioritize the development of a more resilient industry that can adapt to environmental challenges and sensitivities. By investing in durable materials and innovative technologies, we aim to reduce our ecological footprint and enhance the responsibility of our products.

### Sustainable Practices

Our approach to sustainability is holistic. From sourcing more eco-friendly materials to implementing energy-efficient processes, we strive to minimize waste. Our practices are consistently modified to better preserve natural resources and foster a sustainable future.

### Community Engagement

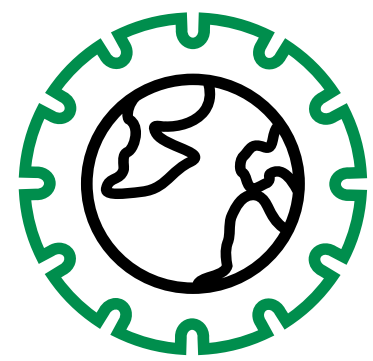
“Built to Last” also means fostering strong relationships with the communities we operate in and serve. Across our international footprint, we regularly engage with local stakeholders to understand their needs and to collaborate on initiatives that promote environmental stewardship and social well-being.

### Continuous Improvement

Sustainability is a journey, not a destination. We are committed to continuous improvement, frequently assessing our practices and setting new Company-wide standards—as well as ambitious targets to drive progress. By embracing innovation and learning from our experiences, we aim to unearth new solutions and opportunities for evolution.

**These efforts reflect our overarching goal to create a sustainable legacy. We believe that by making thoughtful, practical decisions today, we can help ensure our sector and our communities are “Built to Last” for many years to come.**





# Twentyby30™

## Accelerating Sustainability

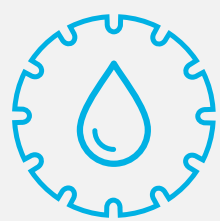
Nearing its halfway point in 2025, our Twentyby30™ sustainability program is a comprehensive strategy that encompasses 20 ambitious targets spanning five key pillars of focus. Tackling everything from material and resource preservation to energy and emissions reduction, our framework aims to effect meaningful change for our environments and communities, along with our customers, stakeholders and employees.

Through its diverse array of targets, the program strives to foster lasting impact that stretches beyond our own organization. Core efforts include:



### Climate Action

Acknowledges how climate change can have financial impacts on our global business—however, we can create opportunities for growth by proactively mitigating risks throughout our value chain and particularly through partnerships with our suppliers. We are continuing to focus on production efficiency, product and process innovation, strategic material procurement and utilization of renewable electricity.



### Resource Efficiency

Supports our aim to protect water sources—one of our world’s most valuable resources and a critical input for the beverage can manufacturing process. We are committed to monitoring our water quality and usage, establishing best practices for water use efficiency and investing in innovative equipment that allows for water reuse.



### Optimum Circularity

Implements Crown’s Circularity Strategy throughout our value chain by eliminating wasteful resource use, utilizing design and innovation to decrease the raw material footprint of our products and by working to extend our products’ lifecycles via increased recycled content and recycling rates.



### Working Together

Emphasizes the importance of weaving the safety, health and welfare of our team members into every aspect of our business. This pillar also focuses on Diversity & Inclusion and active engagement with our workforce.



### Never Compromise

Enacts Crown’s Product Stewardship Strategy. We are committed to working throughout our product lifecycle to responsibly source materials. Our products are designed to minimize risks to people and the environment, and the products we manufacture meet the highest safety standards.

Crown supports the United Nations’ (UN) Sustainable Development Goals (SDGs) through our **Twentyby30™** sustainability program. Our goals align with the SDGs, allowing our actions to contribute to a greater collective impact. The corresponding SDG icons are indicated on the following status update pages under each goal.



# Climate Action

## Goal Status Update

Reduce absolute Greenhouse Gas emissions from our operations, targeting a 50% combined reduction (Scope 1 and 2).

Scope 1:  
Direct emissions from owned or controlled sources.

Scope 2:  
Indirect emissions from purchased electricity.

Reduce absolute GHG emissions from our supply chain (Scope 3) by 16%.

Scope 3:  
All other indirect emissions in the value chain, including upstream and downstream emissions.

Source 75% renewable electricity by 2030\* and 100% by 2040.

\*In accordance with our Science Based Targets initiative (SBTi) GHG goals.

Reduce Volatile Organic Compound (VOC) emissions by 10% per unit of product.

01.

02.

03.

04.

05.

Scope 1 and 2  
GHG Emissions

26%

Absolute Reduction

51%  
TOWARDS GOAL

✓ 100%  
GOAL ACHIEVED

16%

Absolute Reduction

Renewable Energy  
37%

49%  
TOWARDS GOAL

✓ 100%  
GOAL ACHIEVED

10%

Absolute Reduction

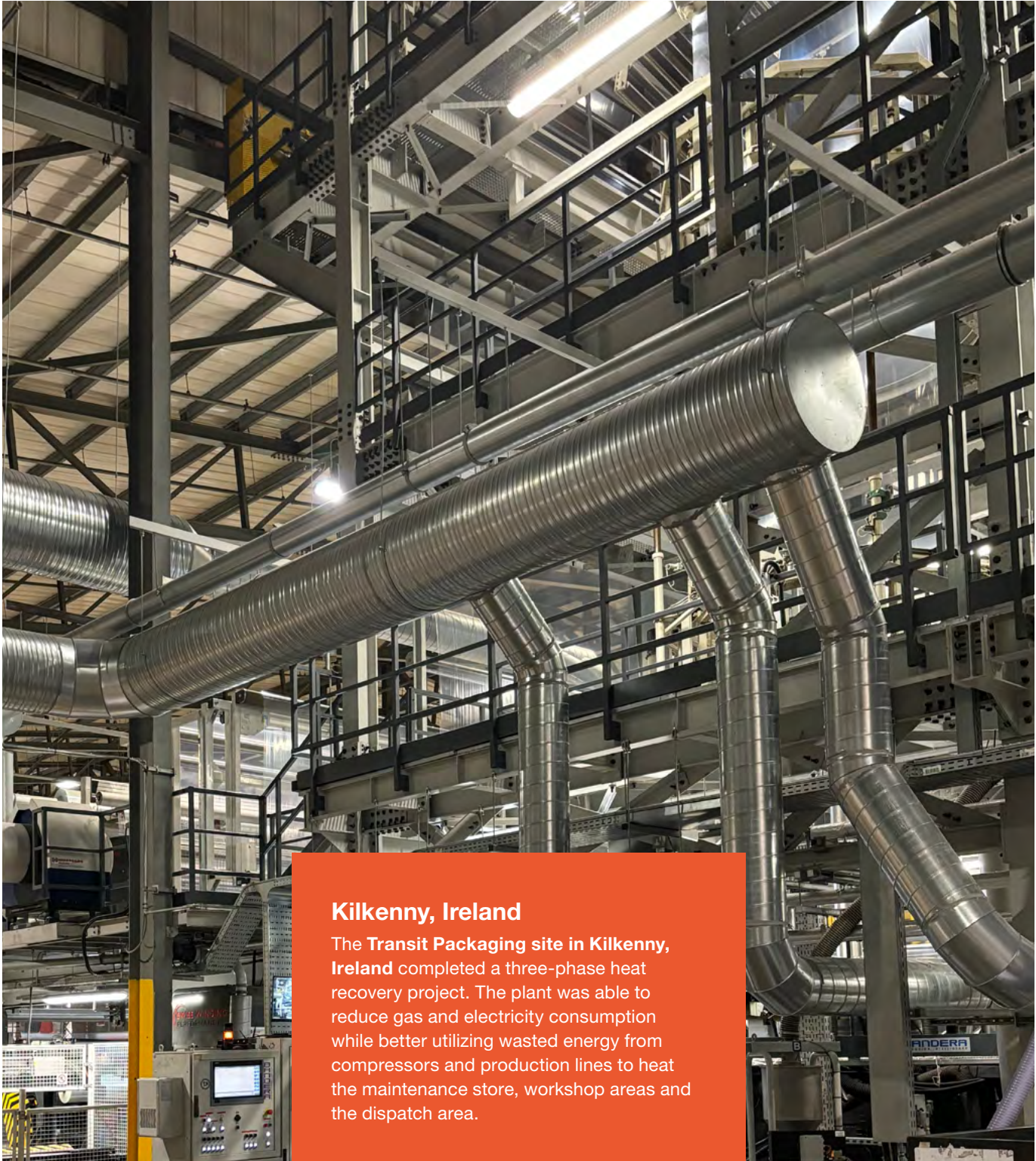




# Lasting Innovation

## Educating Employees Through Climate Action Workshops

Educating our employees about the effects of climate change is an important part of our global commitment to industry decarbonization. With support from our teams worldwide, we can make progress on a larger scale. To that end, two years ago we kickstarted our ‘Climate Fresk’ workshops, which enable participants to build a visual representation of the climate system and better understand sustainability overall. Since that initial rollout, we have expanded the program to 289 employees across the U.K., France, Spain, Germany, Slovakia, Italy, Greece, Turkey and the UAE. The training is also being used as a core foundation for a larger Climate Action & Energy Optimization workshop that will encourage employee investment in energy monitoring and management.



### Kilkenny, Ireland

The **Transit Packaging** site in **Kilkenny, Ireland** completed a three-phase heat recovery project. The plant was able to reduce gas and electricity consumption while better utilizing wasted energy from compressors and production lines to heat the maintenance store, workshop areas and the dispatch area.

# Scope 1 Initiatives to Reduce Fuel Emissions

## Kankakee, Illinois

Our Kankakee, Illinois beverage can plant was recognized as a top energy saver in a Strategic Energy Management (SEM) Program offered by the local electricity and gas provider, which the plant has participated in since 2016. SEM emphasizes equipping and enabling plant or building management and staff to impact energy consumption through behavior and operational change as well as capital project implementation. Methods for consumption reduction included completing a compressed air leak survey, replacing leaking pipes in the warehouse and installing new boilers with oxygen control and enabling heat recovery from air compressors. This program includes a series of workshops and coaching sessions focused on identifying and implementing operational and behavioral changes for continuous improvement.

## Seville, Spain

The Company’s beverage can plant in Seville, Spain made notable progress in reducing gas consumption by 10% through targeted efficiency improvements. By recovering heat from the compressors and redirecting it for use in other thermal processes, the site has significantly lowered its reliance on gas for heating. In parallel, enhancements to oven insulation have reduced heat loss, further decreasing energy demand.

## Karawang, Indonesia

Our beverage can plant in Indonesia has been working with customers on an updated can design to eliminate certain external coatings that are associated with VOCs. Eliminating this from the decorating process in 21 designs has resulted in reduced electricity and gas savings in the coater and ovens along with reducing VOC emissions.





### Evolving our Energy Footprint

With a goal of sourcing 75% of our electricity from renewables by 2030, we continue to invest in alternative energy sources that allow us to decrease our reliance on fossil fuels and move toward a smaller carbon footprint. To reach this objective, we are leading several targeted initiatives that span the globe.

### Recent and ongoing projects include:

- A virtual power purchase agreement (VPPA) in Europe that offsets the scope 2 emissions from a majority of our European operations
- A VPPA in the US that offsets scope 2 emissions from 15 beverage can sites in North America, which has been in place since 2020
- Power purchase agreements (PPAs) in Mexico covering over 70% of Crown Mexico Beverage operations
- On-site solar arrays in Mesquite, Nevada and Mankato, Minnesota in the U.S.; Parma, Italy; Tunis, Tunisia; Valencia, Spain; Malaysia and four Transit Packaging sites in India
- Renewable energy certificates (RECs) in the U.K.; Ireland; Turkey; Brazil and Thailand

## Scope 2 Initiatives to Reduce Electricity Usage

### Improved Controls

Crown is working to identify areas for improvement through better control of equipment and production processes. One example is the Temperature Auto Control System installed in the Transit Packaging site in **Rudraram, India**. Automating the system with sensors and alert systems, the plant reduced electricity usage and improved quality.

The Beverage site in **Winchester, VA** among other sites, utilizes leak detection to identify opportunities for improved equipment efficiencies and reduced energy consumption. A new ultrasonic leak detector is used during weekly, monthly, and annual scheduled maintenance and overhauls.

An Energy Savings Mode was implemented on various equipment (namely washers and dryers) at multiple sites to reduce electricity and gas usage when no cans were passing through.

### Improved Equipment

The **Midwest Graphics Studio in Aurora, Illinois** reduced their electricity consumption by switching to process-less thermal printing plates. This upgrade had other significant improvements to safety and efficiency through elimination of hazardous waste and better ergonomics, all while avoiding any additional investments.

Our PrimeBulk **Transit Packaging site in India** replaced reciprocating and screw compressors with variable frequency direct drive-based screw compressors (VFDs) to optimize performance and reduced electricity use.





### Transport Emissions Reduction

Crown is actively reducing transportation-related emissions through targeted logistics initiatives. In the Benelux region, we launched a two-year pilot using HVO (hydrotreated vegetable oil) as an alternative to diesel on one of our regular routes. The initiative covers approximately 1,700 deliveries per year and is expected to reduce emissions by over 50 metric tons of CO<sub>2</sub>e annually.

We are also expanding the use of intermodal transport, prioritizing rail and sea over road where feasible to lower the carbon intensity of long-distance shipments. In parallel, load optimization efforts are helping increase truck utilization and reduce the total number of trips required.

These combined initiatives are already delivering measurable emissions savings, with further progress expected as they are scaled across the network.

Crown considers proper vehicle maintenance and eco-friendly driving techniques to be best practices for fuel efficiency in transportation. We continue to explore opportunities to reduce our consumption of fuel and fuel-related emissions.

## Scope 3 Initiatives to Reduce Our Indirect Emissions

### Greenhouse Gas Scope 3 Assessment

The GHG Protocol includes 15 categories of Scope 3 emissions. Historically, Crown has deemed only category 1 (purchased goods & services) material for sustainability reporting. In 2024, we assessed additional categories for submitting a Net Zero goal to the Science-Based Targets initiative (SBTi) and have been developing a new in-house process and methodology for collecting and reporting this data annually with support from other functions (Finance, Sourcing and Human Resources).

In addition, as part of our Scope 3 emissions evaluation, we have made significant progress in improving the accuracy of our calculations for purchased goods and services. To achieve this, we organized face-to-face meetings with the majority of our aluminum and steel suppliers, fostering dialogue and collaboration around emissions data. These engagements enabled us to request recycled content information and supplier-specific emission factors. By working closely with our suppliers, we are not only improving data quality but also promoting shared responsibility in reducing emissions and advancing our overall climate strategy.

### First Movers Coalition

In 2024, Crown took steps to join the First Movers Coalition (FMC) hosted by the World Economic Forum, and will become a member as of 2025. Joining the FMC involves committing to sourcing “at least 10% (by volume) of all of our primary aluminum procured per year” from low-carbon producers (as per the First Movers Coalition definition of Low-carbon Aluminium) by 2030. This commitment signals that the Company will be demanding low-carbon primary aluminium, helping drive innovation in the primary aluminium production value chain.



Energy & Carbon Footprint

Driving efficiency is central to how we operate. Across our facilities, we’re making practical improvements to equipment, processes, and energy use to reduce costs, streamline operations, and minimize our environmental impact. Our environmental management system supports this effort by helping us stay compliant, uncover opportunities for improvement, and implement solutions that scale with growth. These initiatives are part of our **Twentyby30™** program and reflect our commitment to meeting evolving regulations and stakeholder expectations. While efficiency shapes our day-to-day decisions, “our principal product”—metal packaging—remains a key asset. Its inherent recyclability and role in the circular economy continues to deliver long-term environmental value.

Our Performance

The following tables detail our progress in primary environmental metrics for the products that we manufacture. They include data from the baseline year for our **Twentyby30™** goals, 2019, and the reporting year, 2024. For data prior to 2019, as well as the years 2019 through 2023, please review the [archived sustainability reports](#) on our Corporate website.

Materials Used<sup>1,2</sup> Metric Tons (MT)

YEAR	ALUMINUM	STEEL	INKS, COATINGS AND COMPOUNDS	OTHER
2019	924,149	781,529	89,107	482,361
2024	1,214,258	585,048	95,180	492,232

Energy Consumption<sup>3,4</sup> Megajoules (MJ)

YEAR	FUELS	ELECTRICITY
2019	9,934,852,803	7,883,257,005
2024	10,233,082,202	7,914,066,032

<sup>1</sup> “Other” reflects paper/wood, plastic and glass and other materials used. 2019 data re-baselined to account for business acquisitions. Data only reflects materials used to produce Crown’s primary products; it does not include materials to package our primary products. We do not currently track this usage of materials.

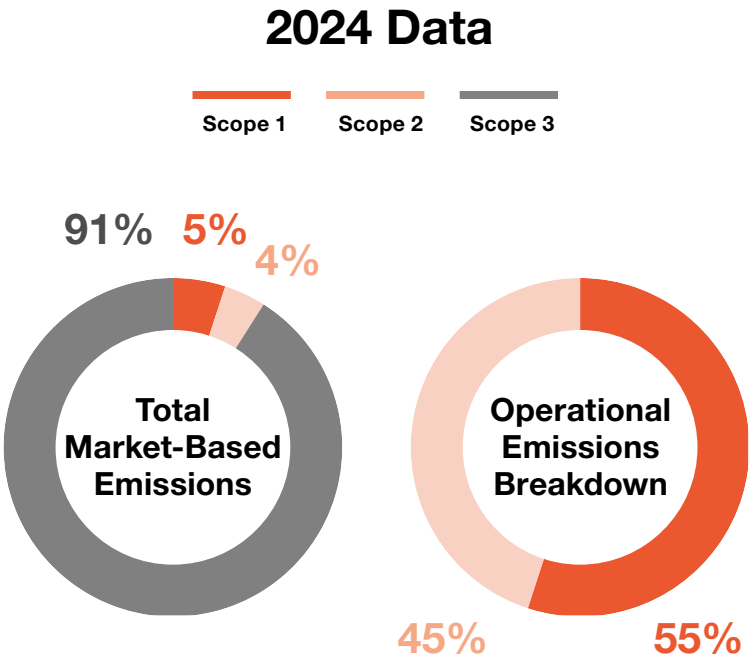
<sup>2</sup> Figures based on material procured.

<sup>3</sup> “Fuels” includes diesel, diesel mobile, fuel oil, gasoline (petrol), jet fuel, kerosene, liquefied petroleum gas (LPG), natural gas, number 2 fuel oil, liquid natural gas (LNG), propane and fleet fuel.

<sup>4</sup> “Electricity” includes electric power, renewable power-onsite, onsite solar generation - EACs (Energy Attribute Certificate) not retained, and district heating.

Scope 1, Scope 2 & Scope 3 GHG Emissions

We continue to make strong progress toward our climate goals through the **Twentyby30™** program, which includes science-based targets validated by the SBTi. By the end of 2024, we had reduced Scope 1 and Scope 2 GHG emissions by 26% from our 2019 baseline, and Scope 3 emissions by 16%—despite supply chain shifts and business growth. This work continues today through close collaboration with upstream and downstream partners to drive broader decarbonization across the industry. Baseline year data was updated to account for changes in operational footprint and improved data management.



Company Totals (Market-Based)

	Company Total	Company Total	Metal Packaging*	Transit Packaging
Metric Tons (MT) CO <sub>2</sub> e	2019	2024	2024	2024
SCOPE 1	531,870	562,894	531,769	31,125
SCOPE 2	846,255	463,038	362,338	100,700
SCOPE 1+2	1,378,126	1,025,932	894,107	131,825
SCOPE 3	12,535,551	10,481,668	-	-

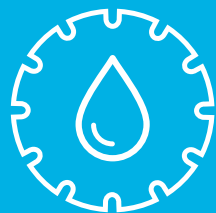
By Division (Market-Based)

			2024	
Metric Tons (MT) CO <sub>2</sub> e			SCOPE 1	SCOPE 2
Metal Packaging*	Americas	U.S./Canada	148,692	69,890
		Brazil	20,701	12,051
		Caribbean	333	920
		Colombia	1,354	2,008
		Mexico	237,826	31,941
APAC			48,817	130,662
EMEA			59,675	104,814
Other**			14,370	10,052
Transit Packaging (Signode Industrial Group LLC)			31,126	100,700
Total Crown Holdings, Inc.			562,894	463,038

\*Includes beverage, food cans and closures, and other product portfolio categories.

\*\*Other includes corporate offices, R&D center, and machine/tool/equipment production facilities.





# Resource Efficiency

## Goal Status Update

06.

Reduce water usage in our operations by 20% by the end of 2025.

07.

Maintain a 100% track record of meeting local wastewater standards.

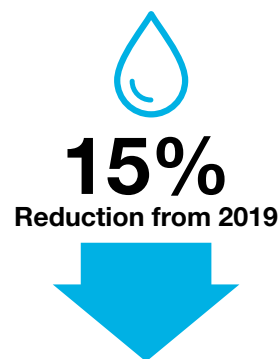
08.

Ensure all employees have continued access to safe water, sanitation and hygiene (WASH).

09.

By 2030, be replenishing 100% of water consumed from high scarcity risk watersheds back to those watersheds.

75%  
TOWARDS GOAL



100%  
in compliance with  
local wastewater  
standards

Crown formalized a program for all sites in 2024 and is currently in progress



Crown is a [CEO Water Mandate endorsing company](#) for demonstrating its ongoing commitment to the initiative and its six commitment areas since 2022.

New water replenishment projects in Mexico and Greece began in 2024

Currently replenishing 9%  
of water consumed from high  
scarcity risk watersheds back  
to those watersheds

9%  
TOWARDS GOAL





## Mindful Consumption

### Optimizing Equipment Efficiencies

Enhancing the efficiency of our equipment and manufacturing processes improves our overall productivity and also helps us reduce resource consumption. By making subtle or major adjustments in our production lines, we can significantly minimize our environmental footprint and set the stage for a more sustainable business long-term. Our plants around the world are working each day to identify new tactics to operate more efficiently and decrease our water usage. Recent examples include:

#### Tunis, Tunisia

A flow indicator was implemented to control water movement between the rinse and pre-rinse stages of manufacturing. This allowed the plant to increase cleaning pressure while reducing pump speeds, thereby lowering energy consumption and reducing water and wastewater usage by 17% on one production line.

#### Brazil, Multiple Sites

Improved their cleaning process during the washer stages by utilizing new chemical formulations that remain effective at lower temperatures and draw less water, decreasing water consumption by up to 10%. This change has been implemented in all plants in Brazil

#### Bowling Green, Kentucky, U.S.

Installed water meters on each washer to set up daily consumption monitoring and identify points of excess usage throughout the cleaning stages of production. This observation prompted new procedures to shut off counterflows and pumps while washers are in standby mode, preventing unnecessary resource waste. As a result of these additions, the plant has reduced its water consumption by 26%.

#### Valencia, Spain

Improved water efficiency through several upgrades to the can washing process, including optimized level control and variable speed settings, improved backflows to minimize carryover between stages and an automatic stop system when no cans are passing. These changes contributed to a notable 9% reduction in water consumption and also lowered chemical usage.

#### Vung Tau, Vietnam

Implemented a new Deionized Water System design, in which the reverse osmosis (RO) reject water is collected, stored and reused for the Activated Carbon and Soft Water backwashing. By repurposing this water, the freshwater consumption has been reduced by nearly 8%. Use of the RO reject water was expanded for premixing polymers in the Wastewater Treatment System.



# Water Preservation

## Prioritizing Water Preservation

We are committed to replenishing 100% of the water we consume from high-stress watersheds directly back into those same regions. This effort involves validating which of our facilities operate in water-stressed areas, identifying and implementing watershed-level projects, and working closely with local partners to ensure meaningful impact. Progress is continuously measured and reported to maintain transparency and accountability. Today, we are actively leading water replenishment initiatives in several parts of the world and are always seeking new opportunities to expand our efforts. Our existing projects include:

### Korinthos, Greece

In partnership with the Global Water Partnership–Mediterranean, we launched a water replenishment project near our Korinthos, Greece facility in 2024. This initiative focused on improving the efficiency of the local water treatment plant through technical upgrades, such as recirculating and re-treating filter backwash water. Through these efforts, the project is expected to save over 26 million liters of water annually as well as help enhance the community’s access to safe, clean water and safeguard the water basin that supports our nearby plant operations.

Photo courtesy of GWP-Med, featuring various stakeholders from Crown, GWP-Med and local government officials from the Korinthos region together at the water replenishment project site.

### Cabreúva, Brazil

The São Paulo Water Fund conservation project marked the first of our watershed replenishment initiatives, completed through a three-year partnership with The Nature Conservancy and other collaborators. This project focused on enhancing water security for the Jundiá Mirim Watershed, a critical source of water for both our Cabreúva facility and the larger Piracicaba, Capivari, Jundiá (PCJ) basin, which serves over 10 million people. Since its implementation, the water replenishment effort has saved over 117 million liters of water.

### Ensenada, Mexico

Launched last year, one of our newest replenishment initiatives focuses on the Colorado River Delta, with the goal of ensuring long-term water availability for communities and ecosystems alike. In collaboration with The Nature Conservancy, the project—located near our facility in Ensenada, Mexico—supports efforts to restore instream flows and generate meaningful water savings (over 18 million liters of water annually). This work is especially vital for the water-stressed Baja California region, where demand continues to rise.

### Tunis, Tunisia

Next on the horizon is a new project set for Tunis, Tunisia, where we will focus on the local Medjerda basin and aim to save approximately 30 million liters of water annually through a smart irrigation system.

Updates on these projects and further target areas are available at [www.crowncork.com/sustainability/environment/water-replenishment](https://www.crowncork.com/sustainability/environment/water-replenishment), through a new feature on our corporate website that tracks our replenishment activities and measures impact across the globe.



Water Management & Scarcity

Water sources continue to face significant pressure worldwide, endangering ecosystems, communities, and the industries that depend on it. As part of our Twentyby30™ sustainability program, the Resource Efficiency pillar emphasizes the urgent need for responsible water management. Our dedicated water goals shape our approach to stewardship—focusing on minimizing usage and restoring this vital resource for future generations.

In 2024, we conducted a thorough review of our assessment methodology for identifying plants located in water-stressed regions. This involved refining our criteria and reanalyzing geographic distributions using improved mapping tools. As a result, we identified a greater number of plants operating under high water stress conditions than previously recognized. The increase in identified plants will inform more effective water management practices and drive investment in water efficiency measures.

The following tables detail our progress in primary water metrics for the products that we manufacture. They include data from the baseline year for our Twentyby30™ goals, 2019, and the reporting year 2024. For data prior to 2019, as well as the years 2019 through 2023, please review the [archived sustainability reports](#) on our Corporate website.



Water Withdrawal by Location

Megaliters (ML)			2019	2024
Metal Packaging*	Americas	U.S./Canada	1,640.94	1,791.93
		Brazil	825.66	814.97
		Caribbean	2.98	3.41
		Colombia	30.93	56.96
		Mexico	1,417.29	1,103.20
	APAC		2,415.99	1,631.28
	EMEA		2,436.90	2,103.69
	Total		8,770.70	7,505.44
	Transit Packaging (Signode Industrial Group LLC)		1,073.23	829.97
Crown Holdings, Inc. Total			9,843.93	8,335.41

\*Includes beverage, food cans and closures, and other product portfolio categories

Total Withdrawal From All Areas by Source

Megaliters (ML)	2019	2024
Surface Water	1,279.01	755.79
Groundwater	1,964.36	2,005.03
Seawater	-	-
Produced Water	-	-
Third-Party Water	6,598.53	5,571.22
Rainwater	2.03	3.37
Total	9,843.93	8,335.41

Total Withdrawal From All Areas with Water Stress by Source

Megaliters (ML)	2019	2024
Surface Water	642.40	170
Groundwater	799.92	662.24
Seawater	-	-
Produced Water	-	-
Third-Party Water	1,118.98	1,958.64
Rainwater	2.03	1.76
Total	2,563.33	2,792.66

Total Freshwater Withdrawal From All Areas

Megaliters (ML)	2019	2024
Freshwater ≤ 1,000mg/L Total Dissolved Solids	9,733.47	8,240.72
Other Water ≥ 1,000mg/L Total Dissolved Solids	110.46	94.69
Total	9,843.93	8,335.41

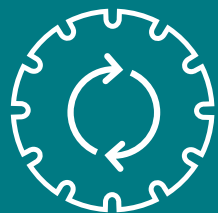
Total Water Discharge

Megaliters (ML) Discharge Location	2024	
	All Areas	Areas with Water Stress
Third-Party Water	4,666.10	
Surface Water	1,228.09	
Seawater	86.78	
Groundwater	23.60	
Total	6,004.57	1,903.89

Total Water Consumption

Megaliters (ML) Location	2024	
	All Areas	Areas with Water Stress
Total	2,330.84	888.77





# Optimum Circularity

## Goal Status Update



## Panel Participation & Policy Advocacy



### Assessing the EU Carbon Border Adjustment Mechanism (CBAM)

At the 2nd **European Green Aluminium Summit** in Frankfurt, Germany Crown was represented among several industry experts within discussions on the EU CBAM and its potential impact on the aluminum sector. Panelists highlighted the risk of including indirect emissions for aluminum products, which would increase costs and reduce European competitiveness, especially due to high electricity prices. They also addressed the complexity of data collection and verification. Experts also pointed out the difficulty of forecasting CBAM costs due to missing benchmarks and fluctuating carbon prices. Finally, discussions flagged the potential extension of CBAM to other downstream products.

These deeper dives revealed that while CBAM is proving to be helpful for driving global decarbonization efforts (with many countries already investing in carbon markets and emissions trading systems), the policy also presents some concerns that the industry will need to be prepared to work toward together through collaboration, transparency and innovation.

### Furthering Industry Progress at Global Sustainability Summit

With the support of leading trade organizations, including **Aluminium Stewardship Initiative (ASI)**, **Abralatas**, **Can Manufacturers Institute (CMI)**, **International Aluminum Institute (IAI)**, and **Metal Packaging Europe (MPE)**, we sponsored the second Global Aluminium Can Sustainability Summit, which brought together over 150 aluminum industry leaders. Held in London during London Metal Exchange, LME Week, the two-day event focused on advancing

sustainability across the aluminum beverage can value chain, with key discussions around **reducing carbon emissions and improving the measurement of recycled content**. The Summit highlighted the strong commitment across our industry to enhance the environmental performance of the aluminum can and encouraged continued forward momentum among major players.



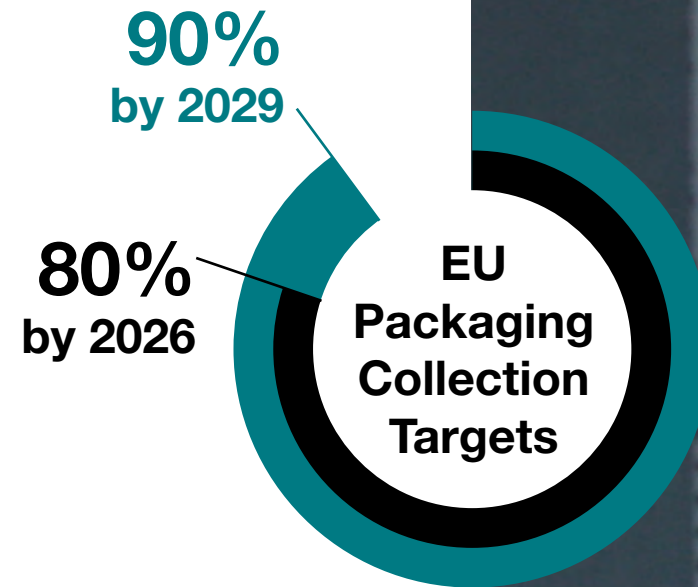
Metal  
Packaging  
Europe



### Reinforcing Aluminum at New York Climate Week

Our team also joined industry leaders at Climate Week NYC (hosted by Climate Group) to explore key sustainability topics in collaboration with the IAI, CMI and other partners. Representatives served as speakers on two key panels—“Aluminium Decarbonisation: Scaling Impact and Driving Ground-Level Change,” which focused on strategies for reducing emissions across the aluminum value chain, and “It’s Time to Drive Aluminum Beverage Cans Towards Full Circularity,” which addressed policies needed to boost recycling rates and introduced the Global Beverage Can Circularity Alliance’s global advocacy plan.





## Managing PPWR Requirements with the European Parliament

After ongoing deliberation throughout 2024, the European Commission recently signed off on the Packaging and Packaging Waste Regulation (PPWR), which aims to tackle growing waste, harmonize internal market rules and boost the circular economy. The policy introduces stricter requirements on packaging sustainability, with a strong focus on recyclability grades to ensure all packaging placed on the market is designed for circularity. Under the PPWR, packaging will be assessed and graded based on how easily and effectively it can be recycled at scale. Our products, particularly our beverage cans, are perfectly aligned with these requirements, as they are made from aluminum, a material that is endlessly recyclable without quality loss and already widely collected and processed across Europe.

In addition, EU Member States are required to achieve ambitious packaging collection targets for plastic bottles and aluminum beverage cans.

To meet these goals, the regulation mandates the implementation of Deposit Return Schemes (DRS), which have proven to be one of the most effective systems for achieving high collection rates, ensuring that our packaging is efficiently returned, recycled and reintroduced into the production cycle.

To prepare for the implementation of Deposit Return Systems (DRS), we supported an event co-hosted by Metal Packaging Europe and Members of Parliament (MEPs) from Malta and Finland at the European Parliament underscoring how DRS supports the EU's circular economy goals. The discussion highlighted upcoming PPWR targets to collect all PET bottles and aluminum cans through DRS by 2029, with possible exemptions for countries that reach 80% collection by 2026 and plan to hit 90% by 2029. Industry groups, including UNESDA, The Brewers of Europe and European Aluminium, highlighted the aluminium can's key role in a low-carbon, circular economy.





# Investments in Circular Economy Education

## Keeping the Industry in the Loop

We remain an active participant in industry associations like MPE to advocate for the environmental, recyclable and sustainable benefits of metal packaging. Last year, to advance industry and consumer education around packaging circularity and to reinforce the strengths of the aluminum beverage can, we co-launched The Loop. A new European beverage can magazine developed in collaboration with MPE and its Beverage Executive Commission, The Loop will spotlight the inherent ecofriendly value of our products, celebrate the canmaking industry, and feature content that highlights the marketing advantages of beverage cans.

## Showcasing the Future of Beverage Can Recycling with Robotics

After co-investing in new AI-powered robot recyclers to recover used aluminum beverage cans (UBCs) at material recycling facility (MRF)s, we worked with Ardagh Metal Packaging to host media at a high-traffic MRF making significant impact with its new automated technology. The event highlighted the quantifiable results of the robotics equipment when placed along the final sorting stages, along with other strategic initiatives aimed at boosting recycling rates, such as investments in eddy currents. It also generated mainstream press coverage on beverage can recyclability, recycling system opportunities and where beverage and packaging industry players must take initiative to spur progress.

## Our Performance

[Waste Management](#) is part of our Environmental Management Program. The following tables detail our progress in waste management for the products that we manufacture. They include data from the reporting year 2024. For data prior to 2024 please review the archived sustainability reports on our [Corporate website](#).



## Waste Reduction & Management

The Optimum Circularity pillar of our Twentyby30™ sustainability program is committed to minimizing our environmental footprint, conserving resources, and reducing waste. A key part of this effort is advancing the Circular Economy by boosting the recycling and reuse of materials at every stage of our product lifecycles. We also incorporate technologies and controls that help reduce disposal impacts, protecting both human health and the environment.

## Waste Generated\*

	Generated Waste Metric Tons (MT)	Percentage of Total Waste
	2024	
Non-hazardous Waste	352,834	92%
Hazardous Waste	30,910	8%
Total	383,744	100%

\* Data has been compiled using waste transfer notes from contracted waste collectors. Estimations and extrapolations have been used where necessary and this excludes warehouse data. 2024 hazardous waste figure reflects improved data collection methods.

## Waste Disposal, All Waste

	Disposed Waste Metric Tons (MT)	Percentage of Total
	2024	
Compost	1,343	
Recycled	37,131	
Recycled Metal and Plastic Scrap	289,963	
Reuse	199	
Total Diverted	328,636	86%
Converted to Energy	6,620	
Incinerated	6,106	
non-hazardous	2,078	34%
hazardous	4,027	66%
Landfill	42,381	
non-hazardous	28,185	67%
hazardous	14,196	33%
Total Disposed	55,107	14%
Total All Waste	383,744	100%





# Working Together

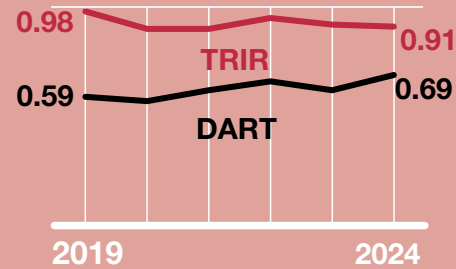
## Goal Status Update

Reduce our Total Recordable Incident Rate (TRIR) by 20% by 2025.

15.

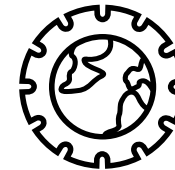
**TRIR**  
reduced by  
**7%**  
**34%**  
TOWARDS  
GOAL

TRIR and Days Away Restricted or Transferred (DART) calculate work related injury rates and their impact on employees' ability to perform. Both serve as industry standard safety performance metrics.



Continuously encourage, inform and empower every employee to be an active participant in Crown's sustainability program, creating meaningful connections between their daily tasks, their personal lives and the impact they can make in the environment and society.

16.



Executed a global initiative around World Environment Day that enabled employees across all corporate locations to participate in habitat cleanups, make changes to reduce personal footprints and share ideas for operational efficiencies.

Evolve toward a more employee-centric organization where D&I awareness is embedded in the organizational culture, allowing our people to be authentic at work. Encourage our top management to be D&I role models as a source of inspiration for all.

17.

Recruitment Rates for Non-Executives



Women in Crown



**19%**  
of the young generation\*

**26%**  
of the Executive Population

**33%**  
of 2024 Executive Recruits

**31%**  
of New Senior management\*\*

**43%**  
of the young generation\*  
Executives

\*<30 years old  
\*\*Exec 1+2, Tenure <5 Years



# Team Evolution



## Sustainability Training & Awareness

As part of our commitment to embedding sustainability across the organization, the sustainability team organized training sessions on **Twentyby30™** and our sustainability strategy, involving key functions such as commercial, procurement, finance, and operations. These sessions were designed to build awareness and equip teams with the knowledge to integrate sustainability into their daily roles and operational decisions. Notably, sustainability was also embedded in our European Division Management Skills Program, ensuring that our managers understand its relevance and are prepared to drive meaningful change. By engaging diverse teams, we are creating a shared

understanding of our environmental and social goals and empowering employees at all levels to contribute to our sustainability journey. As part of the Management Skills Program, participating managers were tasked with working on two hands-on projects: one focused on identifying low-carbon solutions for downstream transportation, and the other on defining a strategic pathway for energy decarbonization in our plants. These projects not only deepened understanding of sustainability challenges but also encouraged practical, action-oriented thinking to drive tangible improvements. By engaging diverse teams and linking sustainability directly to leadership development, we are cultivating a culture of responsibility and innovation that supports our long-term goals.

## Employee Inclusion & Empowerment

Crown is continuously striving to improve Accessibility, Diversity, and Inclusion at the Company. Through Crown’s Working Together pillar of **Twentyby30™**, we are working to create a sense of belonging and community within the Company’s culture. The main way we do this is by fostering an atmosphere of safety and opportunity, which allows all employees to be their authentic selves at work. We try hard to ensure that every member of the Crown community is valued and respected for their own merits and to foster a workplace environment where everyone is represented.

## Safety Changes & Improvements

Crown’s goal is always to achieve zero work related injuries and for every employee to leave work without injury at the end of each shift. We are working toward this goal through our leading indicators such as employee engagement through safety circles, completion of mandatory inspections, and adherence to Crown Directives. We encourage all of our employees to **Stop** and **Think** before they **Act** and to report all near misses and unsafe conditions to their management team so we can work together to reach the zero injuries target.





### Safety, Brazil

The facility in **Manaus, Brazil** created a “Safety Academy” room with stations for various safety topics such as Lock Out, Tag Out (LOTO), signalization alerts, PPE, safe behaviors, and more. This promotes safety awareness and employee engagement.

The team at the **Ponta Grossa, Brazil** site implemented a Safety Committee Passport to outline monthly responsibilities and plans for individuals including safety campaigns, audits, and risk identification/elimination. The President or Vice President of the Safety Committee stamps members’ passports. This is just one example of systematic management that reduces accidents and incidents while encouraging employees to consult each other and management.

### EMEA activities

The **team in Jeddah, Saudi Arabia** engaged with the local university to host a 6-month training for new graduates. The plant supported more than 10 students with on the job training to promote career advancement and empower young men and women.

The team in **Izmit, Turkey** set up a system for employees and managers to exchange constructive comments on performance to foster continuous development and communication. They also launched a stress management webinar to help employees deal with stress and share key insights to optimize work-life balance.

### Transit Packaging

The sites in our **Transit Packaging division’s EMEA** region had a week dedicated to safety awareness which included interactive training sessions with all employees on specific topics and hazard recognition. This was designed to engage employees while teaching them techniques to better recognize hazards in their workplace.

The **Transit Packaging team in Brazil** introduced the SCAPO Program: Behavioral Safety Through Observation Process. Utilizing internal resources and minimal investment, the site strengthened their safety culture by addressing root causes of incidents such as low risk perception and behavioral deviation. The project promotes a proactive approach with positive reinforcement and feedback to encourage safe actions.



# Never Compromise

## Goal Status Update

Decrease the lifecycle footprint of our products and processes through eco-design and manufacturing innovation. Crown commits to devoting at least 50% of its Research & Development technology developments toward minimizing the footprint of its products and manufacturing processes.

18.

By 2022, all operations meet a new consolidated “One Crown Standard.” This new standard will unify existing standards of migration, toxicology and safety utilized in our various geographical locations. By 2025, Crown will have screened all our food contact materials for presence of Chemicals of Concern (COC) and will take action to eliminate their use whenever possible.

19.

By 2025, all suppliers determined as high risk are assessed by third-party verification assessments. By 2030, 100% of Crown’s core raw material and service suppliers, by spend, are assessed and comply with Crown Responsible and Ethical Sourcing policies and requirements, with an interim target of achieving 75% by 2025.

20.

✓ >100%  
GOAL EXCEEDED

**60%** of R&D focused on sustainability improvements  
GOAL **50%**

✓ 100%  
GOAL ACHIEVED



See evaluation flowchart on page 21

97%  
TOWARDS GOAL

**97%** of Crown’s core raw materials and service suppliers by spend comply with Crown’s Responsible and Ethical Sourcing policies and requirement, exceeding the 75% 2025 target.





# Heightened Responsibility



## Supplier Standards/ Compliance Updates

At Crown, we are committed to upholding the highest standards of ethics, sustainability, and legal compliance across our global supply chain. Through our supplier Code of Conduct and Responsible and Ethical Sourcing Policy, we set clear expectations for our suppliers regarding labor practices, including the prohibition of discrimination, provision of safe working conditions, adherence to applicable labor laws, and respect for the right to freedom of association.

## Suppliers and Sourcing

Crown conducts regular technical audits on all major suppliers. Sustainability criteria has been added to ensure accountability and drive continuous improvement. Crown has established ambitious assessment goals—targeting 75% of core raw material and service suppliers by 2025, and 100% by 2030. High-risk suppliers may be subject to third-party audits to validate compliance with our policies.

New in 2024, suppliers identified as high-risk in relation to the Responsible and Ethical Sourcing policy were required to submit a questionnaire to Crown on a wide range of topics, including human rights and forced labor, environment, and health and safety. We expect suppliers to implement the necessary procedures to meet these standards and to communicate them effectively within their organizations.

Environmental responsibility remains a key pillar of our supplier engagement strategy. We require all suppliers to comply with relevant environmental laws and encourage the adoption of sustainable practices, such as the conservation of natural resources and reduction of environmental impact. In parallel, we maintain a zero-tolerance approach to bribery, corruption, and anti-competitive behavior, and we expect our partners to uphold business integrity by protecting confidential information and intellectual property, and by disclosing potential conflicts of interest.

We also continue to raise the bar internally for our employees’ own responsible sourcing—including requiring all members of our Transit Packaging procurement team to complete sustainable procurement training through EcoVadis in 2024. All procurement members across the organization are trained internally about our sustainability program and our overall responsibilities, including their individual roles in ensuring compliance.

## Governance

In 2024, we also issued a revised Code of Business Conduct and Ethics, which reinforces our expectations around anti-corruption, insider trading, and compliance with international trade laws. The updated code provides clearer guidance on the prohibition of using material non-public information for trading, requires pre-clearance for securities transactions involving covered individuals, and reaffirms our compliance with U.S. sanctions, antiboycott provisions, and export controls.

## Food Contact Safety and Compliance

The “One Crown Standard” for Food Contact Safety and Compliance consolidates the most stringent requirements that apply to our food contact products from all of our global operations. It covers all stages of Safety and Compliance assessment including evaluation of compliance data from material suppliers and ensuring that all our finished products have the same high level of safety and compliance with applicable regulatory regimes. Crown’s global Regulatory team works diligently using the Crown-devised food contact substances classification tool, to screen all food contact materials for the presence of Chemicals of Concern and take action to eliminate them, where deemed necessary. This involves working with suppliers to meet the “One Crown Standard” for all products they supply.

Crown Technology, the Company’s dedicated Research and Development resource, ensures strong packaging performance through their work with suppliers, manufacturing sites, and customers. They conduct thorough testing of our products to ensure compatibility and performance with customers’ products.





### Life Cycle Assessments

Crown’s sustainability team executed several Life Cycle Assessment (LCA) studies with a scope of cradle-to-grave of aluminium beverage cans in Asia, Mexico and Brazil to support our ASI certifications. The LCAs had critical review and verification done by an independent third party to verify to ensure sound methodology and validity of results.

Performing in-house LCAs allows our team to gain a deeper understanding of the environmental impacts of our products throughout their entire life cycle, from raw material extraction to disposal and providing insights to our decarbonization strategies. By internalizing this process, we strive to maintain full control over the data quality, assumptions and system boundaries, leading to more accurate and customized results. It also enhances transparency and credibility with stakeholders, as the Company can clearly demonstrate its commitment to environmental responsibility.

**ASI Certifications**

In 2024, Crown achieved several key certifications that are testaments to the Company’s broader Twentyby30™ sustainability program that aims to enhance environmental stewardship and ethical standards across its global operations. The Chain of Custody verifies the Company’s ethical practices throughout the value chain and its commitment to transparency. The Performance Standard reflects Crown’s adherence to responsible production practices in the aluminum value chain. These include:

### ASI Chain of Custody (CoC) Standard V2 (2022)

- **Crown’s Mexican operations**, including manufacturing facilities in Ensenada, Guadalajara, Toluca, Monterrey and its headquarters in Monterrey

### ASI Performance Standard V3 (2022)

- The Crown **Beverage Cans** Danang Ltd facility in **Vietnam**
- Crown’s **Mexican operations**, including manufacturing facilities in Ensenada, Guadalajara, Toluca, Monterrey and its Mexico corporate office in Monterrey
- Crown’s **Brazil operations**, including manufacturing facilities in Cabreúva, Estancia, Ponta Grossa, Rio Verde, Teresina, Uberaba, Manaus and its corporate office in Cabreúva





# Internal Recognition



## Chairman's Awards

For 2024, three plants were given Crown's Chairman's Sustainability Awards, which honors projects that improve efficiencies, resource use, workplace safety, employee development, community engagement and other areas critical to the Company's Twentyby30™ program.

### Environmental

The Environmental Sustainability Award, which recognizes excellence in environmental protection, was given to the **Acayucan, Mexico (SISA)** plant for enhancing the capacity of its water treatment system by installing an additional sludge clarifier, an upgrade that increased efficiency during the silica sand washing and classifying processes during production. These efforts helped reduce the plant's reliance on wells and streams by 113 million liters per year, created a more robust closed water circuit and helped Crown reduce its overall water consumption in Mexico by 10%.

### Safety

The Sustainability Award for Safety, which acknowledges efforts to strengthen employee health, improve accident prevention and ensure a safe working environment, was given to the **Mankato, Minnesota** beverage end plant for installing ductwork to safely divert hot air created during the manufacturing process, improving conditions on the production floor and reducing risks to employee health. Besides lowering the safety risk to employees, the duct design also strategically allows for heat recapture when appropriate during colder seasons -- eliminating the need for additional heating on the plant floor, enhancing overall energy efficiency, and reaching a return on investment within just two years.

### Social

The Social Sustainability Award, which highlights activities that significantly impact the well-being of the workforce and the local community, was given to the **Fort Bend, Texas** beverage can plant for conducting training to enhance employee efficiency and productivity around the cupper, bodymaker and decorator stages of production. The sessions focused on key skills such as equipment maintenance, defect recognition, changeover processes, coating application and other essential techniques to maintain production speeds and reduce product spoilage. Additionally, hands-on programming provided further opportunity for employee development and operational improvement.





## Best Practices Awards

While we have made notable progress toward our **Twentyby30™** goals in the last few years, we know quite a bit of work remains to complete what we set out to do.

One of the ways we strive to identify new initiatives is through our ongoing Best Practices program, which empowers employees to make suggestions in any area of the business. In connection with the pillars of focus from our **Twentyby30™** program, we continue to acknowledge impactful ideas each year. Our latest standouts include:

### Climate Action

**Multiple plants in Brazil** have managed to achieve significant reductions in gas consumption and water usage.

The plants recognized an opportunity for a chemical swap in the washer that led to chemical consumption decreasing by 25% to 40% in some plants, while water consumption lowered by 10% in one plant and gas consumption dropped by an average of 9% across all Brazilian plants. Running since May 2024, the low-temperature method has been so successful that some plants have shut down a boiler or deactivated heat exchangers.

This achievement demonstrates how changes—in this case, switching from one chemical formulation to another — can yield tremendous resource savings that decrease our carbon footprint.

### Resource Efficiency

The Transit Packaging division's **Rudraram, India** plant found a way to recycle harvested rainwater into their steel strap production process, reducing consumption of municipal water. While the stored rainwater was originally being used solely for gardening, the plant identified an opportunity to be even more eco-conscious by implementing a new system that transfers that water through a filtration process which enables it to then be used in the production line.

As a result of this new recycling and treatment process, the plant is drawing less from local resources and saving up to 1,744 KL of water each year. This effort showcases the creative ways in which repurposing existing supplies can help to reduce resource consumption overall.

### Optimum Circularity

Crown's **Bowling Green, Kentucky** beverage can plant is passing cleaning chemical Isopropyl Alcohol (IPA) through a minimizer machine, which removes impurities and allows the substance to be reused for future cleaning operations – a move that significantly reduces the plant's waste generation and virgin product consumption each year.

For some plants, including Bowling Green and **La Crosse, Wisconsin**, the method yields nearly a 25% reduction in hazardous waste, as well as reduces costs from both virgin product purchase and hazardous waste disposal—demonstrating the multi-pronged benefits found by successfully recycling some chemicals.

### Working Together

Our beverage can plant in **Ensenada, Mexico** installed safety light curtains and a monitoring system at three points of the decorator stage of production to more effectively prevent personal injury.

In addition to recognizing Ensenada's safety efforts, our **Bowling Green, Kentucky** plant received an **honorable mention** for participating in CMI's One Million Can challenge, where elementary school students worked to collect and recycle used beverage cans from the community in the hope of winning funds for their institution.

These inspiring ideas represent only a portion of the many suggestions we receive every year through our Best Practices program.



# Charitable Giving

## Local Hearts, Global Impact



At Crown, we use our assets, core competencies and employee volunteer efforts to create positive social impact in the communities we operate in around the globe. In 2021, we established the Twentyby30™ Charitable Giving Program to formalize our support for employee-nominated charities and organizations and aim to fund projects that might not otherwise be possible. In 2024, we funded 45 projects, ranging from supporting orphaned children in Malaysia to helping unhoused people transition off the streets in the U.S. The program embodies our employees' passion for giving back to causes that mean the most to them.

The **Centro Regional de Autismo Rotario A.C. in Mexico**, which cares for children and young people with autism and supports their social, family, school and work integration, received a donation for property expansion from Crown. The funds will help the organization to serve at least 100 more children with critical therapies and developmental programs.



The **Fundación Centro de Solidaridad de La Rioja** (Proyecto Hombre La Rioja) received a donation to continue its work helping to prevent and treat addiction disorders throughout Spain. Proyecto Hombre La Rioja works on several projects to curb addiction, including one aimed at increasing protective factors and reducing risk factors related to substance consumption and/or other potentially addictive behaviors in adolescents/young people in the classrooms of the educational centers of the Autonomous Community of La Rioja.

**Commission Mankind in Kenya** received a donation to install a solar powered water well system in Machokas County, Kenya. Given the issues such as drought and lack of access to clean water, the system supplies potable water so that poor villagers do not have to travel long distance and face great personal risk simply to find water.



Crown donated funds to help **For Love of Children**, a 100% volunteer-run agency, with the mission to serve over 8,000 children in the greater **Dayton, Ohio** area who are neglected, abused, in foster care, or who need community resources. The funding will be used to support the 19 separate programs run by the agency in one of the hardest hit areas of the Rust Belt.

Crown made a donation to the **Boys & Girls Club of Oshkosh (Wisconsin)**, contributing to the youth development organization's Basic Needs program. This program currently provides all members with meals and snacks at no cost to them, as well as offers showers, clothing, school supplies, hygiene and cleaning supplies, clothing, and school supplies to those who may need it. The donation also supports the group's mission to equip families with vital health and emergency services.

A full list of the charities that have received donations from Crown's Twentyby30™ Charitable Giving Program are available on our corporate [website](#).



Crown  
Charitable  
Giving

*Committed to Our Communities*



# Accolades

Each year, we strive to raise the bar for our sustainability performance and to show tangible progress toward our Twentyby30™ goals. Receiving high scores from ratings organizations as well as recognition from industry resources reinforces that we are delivering on stakeholder expectations as well as helping to drive our sector in a positive direction.

## TIME

Named one of the “World’s Best Companies.”

## Newsweek & Statista

Ranked two years in a row as the top packaging company within the “Most Trustworthy Companies in America” and one of “America’s Most Responsible Companies.”

## USA TODAY & Statista

Named within “America’s Climate Leaders” for the second consecutive year.

## Forbes

Recognized as one of the “World’s Top Companies for Women” two years in a row.

## U.S. Environmental Protection Agency (EPA)

Recognized again within the U.S. EPA Top 30 Green Power Partners from the Fortune 500 list.



## Sustainalytics

Awarded a leading position multiple years in a row within the Containers and Packaging industry category.

## EcoVadis

Transit Packaging plant in Dinslaken, Germany received a Platinum medal from sustainability ratings organization EcoVadis.

## CDP: Climate A-, Water A-

We received A- climate and water scores from CDP for our 2024 progress, landing us in the Leadership category and reflecting stronger sustainability performance than manufacturing sector averages of B. By examining a range of categories, including Scope 1 & 2 emissions, risk management and governance, CDP serves as a comprehensive assessment of a company’s responsibilities and their commitment to due diligence annually.

## Institutional Shareholder Services group (ISS)

Crown is a leader in the Packaging category for the two sustainability assessments conducted by ISS. Crown holds Prime status for the ISS Corporate Rating, indicating a best-in-class option to investors based on a comprehensive analysis of Crown’s sustainability performance and governance. Crown also maintains strong scores in the Quality Score, which assesses environmental, social and governance category disclosures.

## MSCI

Ratings organization MSCI rated our 2024 performance with a AA score, a significant advancement from the prior year’s A score. This rating reflects above-average positioning in key issues, including carbon emissions and packaging materials and waste, relative to overall industry benchmarks. It also reflects the Company’s improvement in its corporate governance score.



Crown GRI 2024



The selection of reported content is based on the results of our latest materiality analysis and the requirements of the GRI Sustainability Reporting Standards (GRI Standards). Our 2024 Sustainability Report includes environmental, social and governance data from facilities within our three metal packaging operating divisions (Crown Americas, Crown EMEA and Crown Asia Pacific) and our Transit Packaging division. The data reflects any acquired or divested facilities that were operated by Crown for the reporting period of January 1, 2024 through December 31, 2024. It also includes information from the Company’s corporate headquarters in Tampa, Florida (U.S.); as well as our regional headquarters in Zug, Switzerland; and Singapore; our Research, Development and Engineering Center in Wantage, U.K.; and our regional Centers of Excellence in Singapore, Thailand, Tinley Park, Illinois (U.S.) and Roselle, Illinois (U.S.), where engineers and scientists specialize in specific packaging technologies.

In this reporting period, Crown commenced operations at 4 sites and closed 10 plants. Figures reported in the Material Topics disclosure have been restated from prior years to reflect the 2019 data accounting for the Scope 1, 2 and 3 emissions.

External Verification Information provided in our sustainability reporting is subject to internal reviews and, for select data, external assurance. We engaged Lucideon CICS Limited to provide limited assurance in relation to the GRI disclosures made in this report, our total 2024 data for GHG emissions (Scope 1, 2 and 3 categories) as well as our 2024 water usage and waste data. The assurance was conducted according to Lucideon’s assurance methodology, based on ISO 14064-3 verifications. A short [assurance statement](#) is available for download on our website. Lucideon has also provided GRI verification to the GRI Index, Limited Verification. Documentation can be found on our website. We are now abiding by an annual Sustainability Report publication schedule, with our next Sustainability Report scheduled to be published in 2026.

Disclosure	Description	Reference
General Disclosures		
Organizational Profile		
GRI 2-1	Organizational details	<div><div>a.</div><div>b.</div><div>c.</div><div>d.</div></div> <div>Crown Holdings, Inc. Crown Holdings, Inc. is a publicly held corporation incorporated in the state of Pennsylvania. Our shares trade on the New York Stock Exchange under the ticker CCK. Tampa, Florida <a href="#">2024 Form-10K</a>, page 23</div>
Reporting Practice		
GRI 2-2	Entities included in the organization’s sustainability reporting	<div><div>a.</div><div>b.</div><div>c.</div></div> <div><a href="#">2024 Form-10K</a>, page 23 Sustainability reporting is aligned to include all entities included in financial reporting. The approach used for reporting sustainability data follows that of the consolidated financial statements, which include the accounts of Crown Holdings, Inc. and its consolidated subsidiary companies. The financial statements are prepared in conformity with accounting principles generally accepted in the United States of America and reflect management’s estimates and assumptions. All intercompany accounts and transactions are eliminated in consolidation.</div>
GRI 2-3	Reporting period, frequency and contact point	<div><div>a.</div><div>b.</div><div>c.</div><div>d.</div></div> <div>This sustainability report covers activity from January 1, 2024 to December 31, 2024. Crown publishes a sustainability report annually. Crown’s sustainability reporting period aligns with the financial reporting period. This report was published June 2025. Contact period: ongoing; contact <a href="mailto:sustainability@crowncork.com">sustainability@crowncork.com</a></div>
GRI 2-4	Restatements of information	Restatements to our baseline year of 2019 were made to accommodate for various improvements in our reported data. These restatements include changes to Scope 1, 2 and 3 emissions and water usage to account for acquired operations. Water usage was updated to account for a correction at one site.

Disclosure

Description

Reference

GRI 2-5	External assurance	<div><div>a.</div><div>The Company seeks external assurance to its final calculated and reported GHG emissions (Scope 1, Scope 2, Scope 3) and its water data as reported in CDP Climate, CDP Water and the Company’s Sustainability Report along with the Global Reporting Index (GRI) core disclosure index. The Company’s highest governance body and senior executives are involved in the review of the Company’s Sustainability Report.</div><div>b.</div><div>The Company’s sustainability reporting has been externally assured.<div><div>i.</div><div>External Assurance: <a href="#">Scope 1 and Scope 2, Scope 3, Water</a></div><div>ii.</div><div>External Assurance: <a href="#">GRI Independent Assurance Statement</a></div><div>iii.</div><div>The relationship between the organization and the assurance provider is that of two independent parties entering into a voluntary agreement.</div></div></div></div>
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Activities and Workers

GRI 2-6	Activities, value chain and other business relationships	<div><div>a.</div><div><a href="#">2024 Form-10K</a>, pages 1-2</div><div>b.</div><div><a href="#">Our Value Chain</a></div><div>c.</div><div>There are no other relevant business relationships.</div><div>d.</div><div>There have been no significant changes in 2-6a, 2-6b and 2-6c compared to the previous reporting period.</div></div>
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	Male	Female
Americas	9,263	2,150
EMEA	5,213	834
APAC	4,846	1,611
Total	19,322	4,595

GRI 2-7

Employees

a.

	Permanent Employees				Temporary or fixed term Employees				Agency Staff			
	Full-time		Part-time		Full-time		Part-time		Full-time		Part-time	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Americas	8,596	1,953	5	3	296	108	3	1	363	85	-	-
EMEA	4,776	692	55	70	253	39	0	2	87	13	42	18
APAC	3,914	1,187	-	2	713	198	1	9	217	204	1	11

b.

c.

Figures are compiled by region at the corporate level and reported as head count at end of reporting period.

d.

**Crown Permanent Employees:** A person employed by Crown to work for an indeterminate period, e.g., no fixed employment period.  
**Crown Temporary or Fixed Term Employees:** A person employed by Crown to work for a limited or specific period, i.e. employment ends when the specific time period expires or when a specific task has been completed.  
**Full-time:** Defined according to national legislation and practice regarding working time. The person works the full duration of the Company’s stipulated working hours.  
**Part-time:** An employee whose working hours per week, month or year are less than full-time, e.g., works less than the stipulated working hours of a full-time employee, work only certain number of days per week, etc.  
**Agency staff:** An individual who performs regular work on-site for, or on behalf of another company, e.g., other companies’ employees working in our plant. Not employed by Crown, i.e. not under our payroll.

e.

There was an increase in agency employees from 2023 to 2024. This figure fluctuates annually as a function of business needs.

GRI 2-8	Information on employees and other workers	<div><div>a.</div><div>1,041 agency staff working throughout global operations full-time or part-time at year end, with the majority being permanent full-time employees.</div><div>b.</div><div>All figures are reported as head count at the end of the reporting period.</div><div>c.</div><div>This figure increased from 2023.</div></div>
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Disclosure	Description	Reference
Governance		
GRI 2-9	Governance structure and composition	a. <a href="#">Governance; Sustainability Leadership; Corporate Governance Guidelines</a> b. <a href="#">Audit Committee Charter; Nominating and Corporate Governance Committee Charter</a> c. <a href="#">Crown 2025 Proxy Statement</a> , pages 2-4, 20-23, 28-33
GRI 2-10	Nomination and selection of the highest governance body	a. <a href="#">Crown 2025 Proxy Statement</a> , pages 2-4, 20-23, 28-33 b. <a href="#">Crown 2025 Proxy Statement</a> , pages 2-4, 20-23, 28-33; i. <a href="#">Nominating and Corporate Governance Committee Charter; Crown 2025 Proxy Statement</a> , pages 2, 31-33 c. <a href="#">Nominating and Corporate Governance Committee Charter</a> i. <a href="#">Corporate Governance Guidelines; Crown 2025 Proxy Statement</a> , pages 2-3, 5, 28 ii. <a href="#">Crown 2025 Proxy Statement</a> , pages 21-23, 25, 30-31
GRI 2-11	Chair of the highest governance body	a. Chairman of the Board of Directors is also the President and CEO of the Company. b. <a href="#">Board of Directors; Corporate Governance Guidelines; Crown 2025 Proxy Statement</a> , pages 28-33
GRI 2-12	Role of the highest governance body in overseeing the management of impacts	a. Under the Board’s general direction, the Nominating and Corporate Governance Committee reviews and assesses the Company’s Sustainability policies, programs and practices pursuant to its charter. b. The Audit Committee reviews Environmental, Social and Governance disclosures and reporting as set forth in its charter. All aspects of the business, and in particular sustainability, are managed through sound governance structures. <a href="#">Crown 2025 Proxy Statement</a> , pages 6-8. The Senior Vice President - Crown Technology, Global Sustainability & Regulatory Affairs reports to the board at least annually. i. The Board engages with internal stakeholders to oversee the organization’s due diligence and other processes to identify and manage the organization’s impacts on the economy, environment and people. The Board engages with key internal stakeholders, including the Company’s C-Suite, who report up through the Board’s Audit and Nominating and Corporate Governance Committees. All stakeholders can be involved through engaging with management. ii. Management (including the Senior Vice President - Crown Technology, Global Sustainability & Regulatory Affairs) reports to the Board and its committees. The Board and its committees provide the review and input described in the Company’s governing documents. c. <a href="#">Audit Committee Charter</a> and <a href="#">Nominating and Corporate Governance Committee Charter</a>
GRI 2-13	Delegation of responsibility for managing impacts	a. The Board delegates responsibility for managing the organization’s impact through ensuring the correct leadership is in place within the Company. They have oversight of sustainability reporting, including TCFD reporting, that comprehensively tracks the environmental impact of the Company. <a href="#">Crown 2025 Proxy Statement</a> , pages 6-8 i. Senior Vice President - Crown Technology, Global Sustainability & Regulatory Affairs; Senior Vice President - Chief Human Resources Officer ii. All employees take some responsibility in making Crown the most sustainable Company. Employees are encouraged to voice ideas for improvements. b. The Senior Vice President - Crown Technology, Global Sustainability & Regulatory Affairs and other leaders of the Company present updates to the Board or its relevant committees at least annually.
GRI 2-14	Role of the highest governance body in sustainability reporting	a. <a href="#">Audit Committee Charter; Leadership</a> b. <a href="#">Crown 2025 Proxy Statement</a> , pages 6, 7, 32, 33
GRI 2-15	Conflicts of interest	a. <a href="#">Crown 2025 Proxy Statement</a> , page 28 b. <a href="#">Crown 2025 Proxy Statement</a> , pages 28-33 i. All U.S. public company board positions currently held by Directors are disclosed in the Proxy Statement. <a href="#">Crown 2025 Proxy Statement</a> , page 21 ii. <a href="#">Crown 2025 Proxy Statement</a> , page 28 iii. Crown is a widely-held, publicly traded company with no controlling shareholders. <a href="#">Crown 2025 Proxy Statement</a> , page 26 iv. <a href="#">Crown 2025 Proxy Statement</a> , pages 28-33



Disclosure	Description	Reference
GRI 2-16	Communication of critical concerns	<ul style="list-style-type: none"> <li>a. Communication of critical concerns that pose material risks to the business of the Company to the Board by management is a core responsibility of the CEO. The regular cycle of five Board meetings generally provides adequate opportunity for such reporting. If additional communication is necessary, the Company also has an Executive Committee that can meet between regularly scheduled meetings of the Board, and the entire Board can convene for meetings outside of the regular schedule. Additional concerns can be communicated to the Board through the internal audit function and the Company's ethics and compliance reporting mechanisms. <a href="#">2024 Form-10K</a>.</li> <li>b. <a href="#">2024 Form-10K</a></li> </ul>
GRI 2-17	Collective knowledge of the highest governance body	The Senior Vice President - Crown Technology, Global Sustainability & Regulatory Affairs reports to the board regularly on the sustainability program.
GRI 2-18	Evaluation of the performance of the highest governance body	<ul style="list-style-type: none"> <li>a. The Company's directors are subject to annual election by the shareholders. In addition, the Board undergoes a rigorous annual self-evaluation process, which includes specific mention of its sustainability review. <a href="#">Crown 2025 Proxy Statement</a>, pages 5, 28-33</li> <li>b. <a href="#">Crown 2025 Proxy Statement</a>, pages 28-33</li> <li>c. The Nominating and Corporate Governance Committee also oversees the annual self-evaluation process of the Board and its committees, makes recommendations to the Board regarding the membership of the Board committees and performs other corporate governance functions, such as strategic review of the Company's sustainability policies, programs and practices. <a href="#">Crown 2025 Proxy Statement</a>, pages 30-31</li> </ul>
GRI 2-19	Remuneration policies	<ul style="list-style-type: none"> <li>a. <a href="#">Crown 2025 Proxy Statement</a> <ul style="list-style-type: none"> <li>i. Fixed pay and variable pay - <a href="#">Crown 2025 Proxy Statement</a>, page 34-51. For the Board of Directors, see pages 24-25. For senior executives, see pages 32-50. In 2023, the Company adopted a policy capping cash severance benefits in any future employment agreements, severance agreement, severance plans, etc. at 2.99 times the sum of the executive officer's base salary plus target bonus, unless the shareholders approve a deviation.</li> <li>ii. Disclosed in <a href="#">Crown 2025 Proxy Statement</a>, pages 60-62 as required and as they occur.</li> <li>iii. Termination payments - <a href="#">Crown 2025 Proxy Statement</a>, pages 60-62</li> <li>iv. Clawbacks - <a href="#">Crown 2025 Proxy Statement</a>, page 48. In 2023, the Company adopted a new clawback policy for executive officers that is intended to comply with Section 10D of the Securities Exchange Act of 1934, as amended, Rule 10D-1 promulgated under the Exchange Act and Section 303A.14 of the New York Stock Exchange Listed Company Manual.</li> <li>v. Retirement benefits - <a href="#">Crown 2025 Proxy Statement</a>, page 49</li> </ul> </li> <li>b. <a href="#">Crown 2025 Proxy Statement</a>; For the Board of Directors, see pages 24-25. For senior executives, see pages 34-51.</li> </ul>
GRI 2-20	Process to determine remuneration	<ul style="list-style-type: none"> <li>a. The <a href="#">Compensation Committee</a> is responsible for the review of the executive compensation program. The Company added an evaluation criterion for sustainability for the annual Board evaluation of the CEO in 2022. <a href="#">Crown 2025 Proxy Statement</a>, pages 12, 34-51</li> <li>b. At the 2024 Annual General Meeting of shareholders, the annual "say-on-pay" resolution was approved by over 92% of the votes cast. <a href="#">2024 Form-10K</a> page 32</li> </ul>
GRI 2-21	Annual total compensation ratio	<ul style="list-style-type: none"> <li>a. 305</li> <li>b. 0.5 (note: the median employee compensation was re-calculated in 2024)</li> <li>c. Pay Ratio Disclosure <a href="#">Crown 2025 Proxy Statement</a>, page 63</li> </ul>
Strategy, Policies and Practices		
GRI 2-22	Statement on sustainable development strategy	2024 Sustainability Report, <a href="#">page 1</a>
GRI 2-23	Policy commitments	<p>The Company has a <a href="#">Code of Business Conduct and Ethics</a>, which forms the centerpiece of its framework for ethical business conduct. Other ethics-related policies, such as the <a href="#">Supplier Code of Conduct</a>, <a href="#">Human Rights Policy</a> and the <a href="#">Conflict Minerals Policy</a>, are available on the <a href="#">Company's website</a>. Additionally, the Company has issued internal policies to provide greater guidance on certain principles contained in its <a href="#">Code of Business Conduct and Ethics</a>.</p> <ul style="list-style-type: none"> <li>a. <ul style="list-style-type: none"> <li>i. In each of its policies, the Company references the requirement to comply with all applicable laws and regulations. Certain authoritative intergovernmental instruments are referenced in policies issued pursuant to the <a href="#">Code of Business Conduct and Ethics</a> including those listed below in b.i. and those found in our <a href="#">Supplier Code of Conduct</a>.</li> <li>ii. Due diligence is required by several of our internal policies.</li> <li>iii. The commitments apply the precautionary principle.</li> <li>iv. <a href="#">Human Rights Policy</a></li> </ul> </li> </ul>

Disclosure	Description	Reference
GRI 2-23	Policy commitments	<div><div>b.</div><div><div>i.</div><div>Crown’s <a href="#">Human Rights Policy</a> is informed by the <a href="#">UN Universal Declaration of Human Rights</a>, the Four Fundamental Principles and Rights at Work from <a href="#">International Labour Organization (ILO)</a>, the <a href="#">United Nations Global Compact Guiding Principles</a> and the national legislation in each country in which we operate.</div></div><div><div>ii.</div><div><a href="#">Human Rights Policy</a></div></div><div>c. <a href="#">Code of Business Conduct and Ethics</a>, <a href="#">Supplier Code of Conduct</a>, <a href="#">Human Rights Policy</a></div><div>d. <a href="#">The Code of Business Conduct and Ethics</a> is reviewed annually by a Committee of the Board and all changes are approved by the full Board. Policies issued pursuant to the code are reviewed and approved by senior management. See Human Rights Policy administration in <a href="#">Crown 2025 Proxy Statement</a>, page 32.</div><div>e. The policy commitments apply to the organization’s activities both in its own operations and also extend to the conduct of its suppliers via the Supplier Code of Conduct. See Human Rights Policy administration in <a href="#">Crown 2025 Proxy Statement</a>, pages 31-32.</div><div>f. The policy commitments are communicated to workers via in-person and virtual training such as the annual virtual Code of Business and Ethics Conduct training, to its business partners via contractual agreements, and made publicly available to other relevant parties.</div></div>
GRI 2-24	Embedding policy commitments	<div><div>a.</div><div><div>i.</div><div>Crown allocates responsibility to implement the commitments across different levels within the organization via its Enterprise Risk Management program; <a href="#">Governance</a></div></div><div><div>ii.</div><div>Crown integrates the commitments into organizational strategies, operational policies and operational procedures via its Enterprise Risk Management program; <a href="#">Governance</a></div></div><div><div>iii.</div><div>Crown implements its commitments to responsible business conduct with and through its business relationships via its Enterprise Risk Management program; <a href="#">Governance</a></div></div><div><div>iv.</div><div>The organization provides virtual training that focuses on implementing the commitments of responsible business conduct to all employees as appropriate to their business functions. In-person training is deployed to a portion of the Company’s locations every year and includes both salaried and hourly personnel. Qualified management personnel, including all employees with company email addresses, are required to annually participate in Crown’s Business Conduct and Ethics training which includes certification of the employee’s compliance with the Company’s standards of business conduct and disclosure of knowledge of any potential violations of such standards.</div></div></div>
GRI 2-25	Processes to remediate negative impacts	<div><div>a.</div><div>Crown commits to provide for or cooperate in the remediation of negative impacts that the organization identifies it has caused or contributed to the extent required by applicable law, applicable regulatory obligations, our contractual commitments and our internal policies.</div></div> <div><div>b.</div><div>Crown’s general approach to identifying and addressing grievances is to follow requirements and procedures as established by law in the jurisdictions in which it operates. State-based judicial and non-judicial grievance mechanisms are always available to our stakeholders as provided by applicable law. Operational grievance mechanisms exist in some of the collective bargaining agreements that we have with our unionized workers and we have internal policies and procedures to address workplace grievances, including human rights-related concerns such as discrimination, wage and hours law compliance, etc. Grievance mechanisms in place include raising questions or concerns to a supervisor, plant manager, Human Resources manager or Compliance Officer (Legal team) as well as report through the <a href="#">Whistleblowing hotline</a>.</div></div> <div><div>c.</div><div>Crown is actively engaged in multiple jurisdictions in the effort to increase metal recycling rates. This reduces our carbon emissions footprint, reduces landfill usage and reduces cost. We have been involved in numerous efforts to promote health and safety process improvements such as the review of our can coatings and the chemicals used in our production processes. The Company, along with others in most cases, has been identified by the EPA or a comparable state environmental agency as a Potentially Responsible Party (“PRP”) at a number of sites and has recorded aggregate accruals of \$12 for its share of estimated future remediation costs at these sites. The Company has been identified as having either directly or indirectly disposed of commercial or industrial waste at the sites subject to the accrual, and where appropriate and supported by available information, generally has agreed to be responsible for a percentage of future remediation costs based on an estimated volume of materials disposed in proportion to the total materials disposed at each site. The Company has not had monetary sanctions imposed nor has the Company been notified of any potential monetary sanctions at any of the sites. The Company has also recorded aggregate accruals of \$8 for remediation activities at various worldwide locations that are owned by the Company and for which the Company is not a member of a PRP group. Although the Company believes its accruals are adequate to cover its portion of future remediation costs, there can be no assurance that the ultimate payments will not exceed the amount of the Company’s accruals and will not have a material effect on its results of operations, financial position and cash flow. Any possible loss or range of potential loss that may be incurred in excess of the recorded accruals cannot be estimated.</div></div> <div><div>d.</div><div>To the extent required by law, the stakeholders who are the intended users of the grievance mechanisms are involved in the design, review, operation and improvement of these mechanisms. By law and by contract, the unions who represent our unionized employees are actively involved in the collective bargaining process and so they work to shape grievance processes.</div></div> <div><div>e.</div><div>Workplace-related grievance mechanisms are widely publicized within our facilities. We provide regular training on many of these areas, in both live and virtual formats. Policies and procedures are available in local languages as well as English. Concerns or potential violations may be reported through our ethics hotline which can be accessed around the world at any time in all primary languages spoken at our facilities. Concerns can also be raised with supervisors, human resources staff, internal audit staff or legal department staff at any time by e-mail/or in person. Our policies, such as the <a href="#">Code of Business Conduct and Ethics</a>, <a href="#">Human Rights Policy</a>, and <a href="#">Whistleblower Policy</a> explicitly prohibit retaliation against any employee who raises a concern in good faith. The Company endeavors to investigate all complaints in a professional manner, with full respect for anonymity where applicable. Also, where necessary, the Company monitors ongoing remediation for continued compliance.</div></div>



Disclosure	Description	Reference
GRI 2-26	Mechanisms for seeking advice and raising concerns	<ul style="list-style-type: none"> <li>a. <ul style="list-style-type: none"> <li>i. Company policies provide resources to stakeholders so that they can seek advice on implementing the organization’s policies and practices for responsible business conduct; most policies include information on whom to contact with questions about the policies; <a href="#">Business Conduct and Ethics</a>, <a href="#">Human Rights Policy</a>, <a href="#">Supplier Code of Conduct</a></li> <li>ii. Grievance mechanisms in place include raising questions or concerns to a supervisor, plant manager, Human Resources manager, or Compliance Officer (Legal team). The Company also provides a confidential reporting mechanism, Crown’s Business Ethics Line, as a means of raising concerns or seeking advice related to the Company’s Code of Business Conduct and Ethics. The Business Ethics Line is administered by an independent third-party provider and provides multiple reporting channels, including toll-free telephone access and web-based reporting. The hotline is available to all employees worldwide, as well as third parties, such as vendors, suppliers and customers. Employees who report potential violations through the Business Ethics Line may choose to remain anonymous (unless prohibited by local law) and all such reports are kept confidential to the extent practicable in connection with the investigation. To access the CBE Line, visit <a href="#">Ethics Reporting Line</a>. <a href="#">Crown 2025 Proxy Statement</a>, pages 31-32.</li> </ul> </li> </ul>

GRI 2-27	Compliance with laws and regulations	<a href="#">Crown 2024 Annual Report</a>
GRI 2-28	Membership associations	2024 Sustainability Report, <a href="#">page 14</a>
GRI 2-29	Approach to stakeholder engagement	<a href="#">Stakeholder Engagement</a> , <a href="#">Crown 2025 Proxy Statement</a> , pages 6, 32.
GRI 2-30	Collective bargaining agreements	<ul style="list-style-type: none"> <li>a. 45% employees covered by collective bargaining agreements.</li> <li>b. As stated in our <a href="#">Human Rights Policy</a>, Crown equally respects the rights of our employees not to join trade unions and will protect them against intimidation, harassment and discrimination in the same way.</li> </ul>

Material Topics		
GRI 3-1	Process to determine material topics	<a href="#">Materiality</a>
GRI 3-2	List of material topics	<a href="#">Materiality</a> ; Adopting the double materiality assessment methodology and following a new process and additional considerations resulted in changes in material topics from previous reporting year.
GRI 3-3	Management of material topics	<a href="#">Materiality</a> ; Crown’s <a href="#">Twentyby30™ program</a> describes the actions and commitments taken to manage the topics that have been identified as material.

Anti-Corruption		
205-1	Operations assessed for risks related to corruption	<ul style="list-style-type: none"> <li>a. 100% of operations assessed</li> <li>b. No significant risks identified</li> </ul>

Materials		
301-1	Materials used by weight or volume	<ul style="list-style-type: none"> <li>a. 2024 Sustainability Report, <a href="#">page 8</a> <ul style="list-style-type: none"> <li>i. 93% non-renewable</li> <li>ii. 7% renewable</li> </ul> </li> </ul>

Energy		
302-1	Energy consumption within the organization	<ul style="list-style-type: none"> <li>a. 10,233,082,202 MJ. 2024 Sustainability Report, <a href="#">page 8</a></li> <li>b. No renewable fuels</li> <li>c. In joules, watt-hours or multiples, the total: <ul style="list-style-type: none"> <li>i. Electricity Consumption - 7,914,066,032 MJ. 2024 Sustainability Report, <a href="#">page 8</a></li> <li>ii. District Heating - 5,083,008 MJ</li> <li>iii. We do not collect granular cooling data</li> <li>iv. We do not collect steam usage</li> </ul> </li> <li>d. In joules, watt-hours or multiples, the total: <ul style="list-style-type: none"> <li>i. No electricity sold</li> <li>ii. No heating sold</li> <li>iii. No cooling sold</li> <li>iv. No steam sold</li> </ul> </li> <li>e. 18,147,148,234 MJ</li> <li>f. Invoices, meter reads, engineer estimates based on square footage</li> <li>g. The HHV and energy density assumptions came from the EPA, IEA, and TCR, and the conversions are a combination of those assumptions and standard UOM conversions. As supplier conversion factors were not available, generic conversion factors were used.</li> </ul>

Disclosure	Description	Reference
<b>Water and Effluents</b>		
303-1	Interactions with water as a shared resource	2024 Sustainability Report, <a href="#">page 12</a> <a href="#">Water Management</a> , <a href="#">2024 CDP-C2</a> (Risk Management), <a href="#">2024 CDP -C5.11</a> (Stakeholder Engagement), <a href="#">Crown Water Policy</a>
303-2	Management of water discharge-related impacts	<a href="#">Water Management</a> , <a href="#">2024 CDP-C9</a> (Water Security)
303-3	Water withdrawal	2024 Sustainability Report, <a href="#">page 12</a> <a href="#">2024 CDP-C9</a> (Water Security)
303-4	Water discharge	<ul style="list-style-type: none"> <li>a. 2024 Sustainability Report, page <a href="#">page 12</a></li> <li>b. N/A</li> <li>c. 2024 Sustainability Report, page <a href="#">page 12</a></li> <li>d. <a href="#">2024 CDP-C2.5</a></li> <li>e. <a href="#">2024 CDP-C9</a> (Water Security)</li> </ul>
303-5	Water consumption	<ul style="list-style-type: none"> <li>a. 2024 Sustainability Report, page <a href="#">page 12</a></li> <li>b. 2024 Sustainability Report, page <a href="#">page 12</a></li> <li>c. At Crown, water is typically consumed in real-time for operational processes with minimal on-site storage. Therefore, change in water storage is considered negligible and is not included in the consumption calculation.</li> <li>d. <a href="#">2024 CDP-C9</a> (Water Security)</li> </ul>
<b>Emissions</b>		
305-1	Direct (Scope 1) GHG emissions	<ul style="list-style-type: none"> <li>a. 562,894 MT</li> <li>b. CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O</li> <li>c. N/A</li> <li>d. 2019 <ul style="list-style-type: none"> <li>i. This is aligned with our <b>Twentyby30™</b> program goal baseline year.</li> <li>ii. Market Based: 531,870 MT Location Based: 562,894 MT</li> <li>iii. Restatements to our baseline year of 2019 were made to accommodate for various improvements in our reported data. These restatements include changes to Scope 1 emissions based on updates to the following: procurement data used for calculating our fuel consumption and emissions factors.</li> </ul> </li> <li>e. Market Based - The Climate Registry (2024), Department for Environment Food and Rural Affairs (DEFRA, 2024), Environment Canada (2024), RE-DISS Residual European Mix (2023), US Residual Mix (Green-e Energy Emissions Rates, 2024) Location Based - The Climate Registry (2024), Department for Environment Food and Rural Affairs (DEFRA, 2024), Environment Canada (2024), US EPA eGRID (2025)</li> <li>f. Operational Control</li> <li>g. Invoices, meter reads, engineer estimates</li> </ul>
305-2	Energy indirect (Scope 2) GHG emissions	<ul style="list-style-type: none"> <li>a. 714,395 MT</li> <li>b. 463,038 MT</li> <li>c. CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O</li> <li>d. 2019 <ul style="list-style-type: none"> <li>i. This is aligned with our <b>Twentyby30™</b> program goal baseline year.</li> <li>ii. Market Based: 846,255 MT Location Based: 827,913 MT</li> <li>iii. Restatements to our baseline year of 2019 were made to accommodate for various improvements in our reported data. These restatements include changes to Scope 2 emissions based on updates to the following: emissions factors, renewables data.</li> </ul> </li> <li>e. Market Based - Department for Environment Food and Rural Affairs (DEFRA, 2024), Environment Canada (2024), RE-DISS Residual European Mix (2023), US Residual Mix (Green-e Energy Emissions Rates, 2024) Location Based - Department for Environment Food and Rural Affairs (DEFRA, 2024), Environment Canada (2024), US EPA eGrid (2025)</li> <li>f. Operational Control</li> <li>g. Invoices, meter reads, engineer estimates</li> </ul>



Disclosure	Description	Reference
305-3	Other indirect (Scope 3) GHG emissions	<div> <div> a. 2024 Sustainability Report, <a href="#">page 8</a> </div> <div> b. CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O </div> <div> c. N/A </div> <div> d. The categories included from the GHG Protocol Corporate Value Chain Standard are: 1,2,3,4,5,6,7,9,10,11,12 </div> <div> e. 2019 <div> i. This is aligned with our <b>Twentyby30™</b> program goal baseline year </div> <div> ii. 12,535,551 MT </div> </div> </div> <div> <div> iii. Restatements to our baseline year of 2019 were made to accommodate for various improvements in our reported data. These restatements include adding additional categories from the GHG Protocol Corporate Value Chain Standard. </div> <div> f. USEEIO, US EPA GHG Emission Factors Hub (2024), supplier specific emission factors, Department for Environment Food and Rural Affairs (DEFRA, 2024), Ecoinvent 3.11, ICF International (2016) </div> <div> g. GHG Protocol - Corporate Value Chain (Scope 3) Accounting and Reporting Standard </div> </div>
305-7	Nitrogen oxides (NO <sub>x</sub> ), Sulfur oxides (SO <sub>x</sub> ), and other significant air emissions	<div> <div> a. Air emissions: <div> i. NO<sub>x</sub> - 705,320.8 kg </div> <div> ii. SO<sub>x</sub> - 4,781.53 kg </div> <div> iii. N/A </div> <div> iv. Volatile organic compounds (VOCs) - 13,050,739kg (VOCs are measured pre-emission controls) </div> </div> <div> <div> v. N/A </div> <div> vi. Particulate matter (PM-10) - 19,028.44kg </div> <div> vii. N/A </div> <div> b. US EPA WEBFIRE emission factors utilized </div> <div> c. US EPA WEBFIRE emission factors utilized </div> </div> </div>
Waste		
306-1	Waste generation and significant waste-related impacts	<a href="#">Waste Management</a>
306-2	Management of significant waste-related impacts	<a href="#">Waste Management</a>
306-3	Waste generated	2024 Sustainability Report, <a href="#">page 16</a> <a href="#">Waste Management</a>
306-4	Waste diverted from disposal	<div> <div> a. 2024 Sustainability Report, <a href="#">page 16</a> </div> <div> b. Hazardous Waste 9,007 MT <div> i. Preparation for reuse; N/A </div> <div> ii. Recycling 9,007 MT N/A </div> <div> iii. Other recovery operations; N/A </div> </div> <div> c. Non-Hazardous Waste 319,629 MT </div> </div> <div> <div> i. Preparation for reuse; 199 MT </div> <div> ii. Recycling; 318,086 MT </div> <div> iii. Compost; 1,343 MT </div> <div> d. Approximately 100% of our waste disposal was offsite; less than 1% of our total was disposed of on-site <div> i. N/A </div> <div> ii. 328,636 MT </div> </div> <div> e. Data has been compiled by waste transfer notes from contracted waste collectors, engineer best estimations. <a href="#">Waste Management</a> </div> </div>
306-5	Waste directed to disposal	<div> <div> a. 2024 Sustainability Report, <a href="#">page 16</a> </div> <div> b. Hazardous Waste 21,903 MT <div> i. Incineration (with energy recovery); 3,679 MT </div> <div> ii. Incineration (without energy recovery); 4,027 MT </div> <div> iii. Landfilling; 14,196 MT </div> <div> iv. Other Disposal Operations; N/A </div> </div> <div> <div> c. Non Hazardous Waste 33,204 MT <div> i. Incineration (with energy recovery); 2,941 MT </div> <div> ii. Incineration (without energy recovery); 2,078 MT </div> <div> iii. Landfilling; 28,185 MT </div> <div> iv. Other Disposal Operations; N/A </div> </div> <div> d. Approximately 100% of our waste disposal is offsite; less than 1% of our total was disposed of on-site <div> i. N/A </div> <div> ii. 55,107 MT </div> </div> <div> e. Data has been compiled by waste transfer notes from contracted waste collectors, engineer best estimations. <a href="#">Waste Management</a> </div> </div> </div>

Disclosure	Description	Reference
Occupational Health and Safety		
403-2	Hazard identification, risk assessment, and incident investigation	<a href="#">Environment, Health and Safety</a>
Training and Education		
404-1	Average hours of training per year per employee	To help attract and retain a high level of talent at Crown and provide each employee with ample opportunities to grow and prosper, we provide a mix of mandatory and voluntary training. In 2024, each employee averaged about 29 hours of training. <a href="#">Employee Development</a>
404-3	Percentage of employees receiving regular performance and career development reviews	Crown endeavors to ensure that all employees receive an annual performance review, however the exact percentage is not available.



# Crown SASB 2024



	SASB Code	Disclosure Metric	Response
Greenhouse Gas Emissions	RT-CP-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	562,894 MT CO <sub>2</sub> e 100% of emissions covered under emissions-limiting regulations
	RT-CP-110a.2	Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	<b>Twentyby30™</b> Program 2024 Sustainability Report, <a href="#">Pages 4-8</a>
Air Quality	RT-CP-120a.1	Air emissions of the following pollutants: (1) NOX (excluding N <sub>2</sub> O) (2) SOX (3) Volatile organic compounds (VOCs) (4) Particulate matter (PM-10)	(1) NOX: 785.32 MT (2) SOX: 4.78 MT (3) VOCs: 13,051 MT (VOCs are measured pre-emission controls) (4) PM-10: 19.03 MT
Energy Management	RT-CP-130a.1	(1) Total energy consumed (2) Percentage grid electricity (3) Percentage renewable (4) Total self-generated energy	(1) 18,145,744 GJ (2) 43% (3) 16% (4) 31,540 GJ
Water Management	RT-CP-140a.1	(1) Total water withdrawn (2) Total water consumed. Percentage of each in regions with High or Extremely High Baseline Water stress	(1) 8,335 thousand m³ water withdrawn. 33.5% of the total volume withdrawn from high or extremely high water stressed regions. (2) 2,331 thousand m³ water consumed. 38.13% from high or extremely high stressed regions
	RT-CP-140a.2	Description of water management risks and discussion of strategies and practices to mitigate those risks	GRI 303-1 2024 Sustainability report page <a href="#">33</a>
	RT-CP-140a.3	Number of incidents of non-compliance associated with water quality permits, standards and regulations	0
Waste Management*	RT-CP-150a.1	Amount of hazardous waste generated, percentage recycled	Amount of hazardous waste generated: 30,910 MT Perecent of hazardous waste that is recycled: 29%

\*Waste defined by country-specific regulations as applicable in addition to the following:  
Environmental Quality Act, 1974 (Malaysia); Solid Waste and Public Cleansing Management Act 2007 (Malaysia); Environment Quality (Schedule Wastes) Regulations 2005 (Malaysia); Environmental Conservation Rules 2014 (Myanmar); Environmental Protection and Management Act, 2002 (Singapore); Environment and Conservation of National Environmental Quality Act B.E. 2535 AD 1992 (Thailand); EPA - RCRA (US); EU Waste Framework (EU); Law on Environmental Protection 1993 amended in 2005 (Vietnam); Public Health Act 1992 and Hazardous Waste and Substances B.E. 2546 (2003), B.E. 2549 (2006), B.E. 2535 (1992) and B.E. 2548 (2005)(Thailand); Sub Decree on Solid Waste Management (Cambodia);

<b>Product Safety</b>	<b>RT-CP-250a.1</b>	Number of recalls issued, total units recalled	1 incident; 939,960 cans; Country - Canada. Type of Risk - Health Risk 3 (reasonable probability that the consumption/exposure to a food is not likely to result in any adverse health consequence)
	<b>RT-CP-250a.2</b>	Discussion of process to identify and manage emerging materials and chemicals of concern	<a href="#">Never Compromise</a> , <a href="#">Product Safety</a>
<b>Product Lifecycle Management</b>	<b>RT-CP-410a.1</b>	Percentage of raw materials from: (1) recycled content (2) renewable resources (3) renewable and recycled content	(1) 54% (2) 7% (3) 5%
	<b>RT-CP-410a.2</b>	Revenue from products that are reusable, recyclable, and/or compostable	\$11 billion, (93% total revenue)
	<b>RT-CP-410a.3</b>	Discussion of strategies to reduce the environmental impact of packaging throughout its lifecycle	<a href="#">Circular Economy</a> , <a href="#">Optimum Circularity</a>
<b>Supply Chain Management</b>	<b>RT-CP-430a.1</b>	Total wood fiber procured, percentage from certified sources	Total paper/ wood procured in 2024: 152,386 MT Percentage from FSC or PEFC certified Sources: 67%
	<b>RT-CP-430a.2</b>	Total aluminum purchased, percentage from certified sources	Total aluminum procured: 1,214,258 MT. Supplying Mills ASI Performance Standard Certified: 95% Supplying Mills ASI Chain of Custody Certified: 72% ASI Certified Aluminum purchased: 21%
<b>Activity Metrics</b>	<b>RT-CP-000.A</b>	Amount of production, by substrate	Paper/wood: 161,000 MT Glass: 352,000 MT Metal: 1,702,000 MT Plastics: 160,000 MT
	<b>RT-CP-000.B</b>	Percentage of production as: (1) Paper/wood (2) Glass (3) Metal (4) Plastic	(1) Metal: 87% (2) Plastic: 5% (3) Paper: 1% (4) Glass: 2% Other: 5%
	<b>RT-CP-000.C</b>	Number of employees	23,917





**Twentyby30™**  
Accelerating Sustainability



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