

# SILGAN HOLDINGS SUSTAINABILITY UPDATE 2023



**As we continue on the path to a more sustainable future, we are pleased to provide an update on the progress we have made and to publish our sustainability goals for the future.**

Since our last Sustainability report, our Company has grown significantly. Our sustainability advantaged packaging products have protected our customers' essential products and have helped deliver nourishment, health and hygiene for consumers around the world.

- Our Metal Food Containers have again proven to be the most sustainable, efficient and lowest cost means of delivering nourishment for millions of consumers worldwide throughout the COVID-19 pandemic and beyond.
- Our Dispensing and Specialty Closures products continue to help our customers sustainably feed the world through our shelf-stable food and beverage packaging, while making the world more sustainable and healthier with our multi-use personal care, health and hygiene products.

While our business has experienced tremendous growth through this unprecedented time, we have continued to make meaningful progress on both our absolute and volume-normalized sustainability performance metrics. With the publication of our Sustainability goals, we are committed to continuing to improve our performance on these key areas well into the future.



While we have made significant progress throughout our Company's history, we're excited to share where we're heading in the future with our inaugural sustainability goals:



- 1. REDUCE OPERATIONAL CARBON FOOTPRINT INTENSITY** by **50%** by 2030 from 2017 baseline



- 2. SOURCE 50% OF ELECTRICITY FROM RENEWABLE SOURCES** by 2030



- 3. COMMITMENT TO ESTABLISHING AND PUBLISHING:**

- ✓ Commit to science based targets
- ✓ Waste targets
- ✓ Water stewardship plan
- ✓ Scope 3 GHG emissions
- ✓ Annual reporting to CDP





Greenhouse gas emissions decreased by **2% in 2021** as compared to 2019 despite production increasing 3%



Greenhouse gas (scope 1 & 2) per Kilogram (KG) produced decreased **11% in 2021** as compared to 2019

**167% INCREASE**



in renewable energy sourcing since 2019

**5% DECREASE**



Energy per KG produced decreased **5%** in 2021 as compared to 2019

**ENVIRONMENTAL HIGHLIGHTS SINCE LAST DATA UPDATE:**

**12% DECREASE**



Waste to landfill decreased **12%** in 2021 from 2020 (first year of complete data)



**WASTE**  
6 facilities achieved zero waste to landfill



**8.2%** of electricity from renewable sources



**8** facilities using **100%** renewable electricity

# SILGAN HOLDINGS SASB CONTAINERS & PACKAGING INDEX

TOPIC	METRIC	CATEGORY	UNIT OF MEASURE	CODE	SILGAN DATA
 <b>GREENHOUSE GAS EMISSIONS</b>	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	Quantitative	Metric tons (t) CO <sub>2</sub> -e, Percentage (%)	RT-CP-11a.1	<b>2017:</b> 246,845; 0% <b>2021:</b> 260,303; 0%
	Global Scope 2 emissions	Quantitative	Metric tons (t) CO <sub>2</sub> -e,		<b>2017:</b> 525,408 <b>2021:</b> 443,527
	Discussion of long-term and short-term strategy to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets	Discussion and Analysis	N/A	RT-CP-11a.2	Silgan seeks to mitigate global Scopes 1 and 2 emissions through energy efficiency improvements derived from energy auditing and strategic renewable energy procurement initiatives. Silgan has set the following 2030 target: reduce our operational (Scopes 1 and 2) carbon footprint intensity by 50%.
 <b>AIR QUALITY</b>	Air emissions of the following pollutants: (1) NO <sub>x</sub> (excluding N <sub>2</sub> O), (2) SO <sub>x</sub> , (3) VOC's, and (4) PM	Quantitative	Metric tons (t)	RT-CP-120a.1	<b>2021:</b> NO <sub>x</sub> - 363 <b>2021:</b> SO <sub>x</sub> - 285 <b>2021:</b> VOC - 1,456 <b>2021:</b> PM - 8.1
 <b>ENERGY MANAGEMENT</b>	(1) Total energy consumed, (2) Percentage grid electricity, (3) Percentage renewable, and (4) Self-generated energy	Quantitative	Gigajoules (GJ)	RT-CP-130a.1	<b>2017:</b> 7,645,200 consumed; 50% grid electricity; 0.4% renewable; 0% self-generated <b>2021:</b> 8,353,044 consumed; 47% grid electricity; 4.2% renewable; 0% self-generated



# SILGAN HOLDINGS SASB CONTAINERS & PACKAGING INDEX (CONT.)

TOPIC	METRIC	CATEGORY	UNIT OF MEASURE	CODE	SILGAN DATA
 <p><b>WATER MANAGEMENT</b></p>	(1) Total water withdrawn, (2) Total water consumed, (3) Percentage of each in regions with High or Extremely High Baseline Water Stress	Quantitative	Thousand cubic meters (meters cubed), Percentage (%)	RT-CP-140a.1	<p><b>2021:</b> 2,249,219 withdrawn, 174,544 consumed</p> <p><b>2021:</b> 11%</p>
	Description of water management risks and discussion of strategies and practices to mitigate those risks	Quantitative	Number	RT-CP-140a.2	<p>Silgan's risk management processes identify business risks, including environmental risks. Due to the areas where Silgan facilities operate, as well as the withdrawal volumes of our facilities, no material risks to water management have been identified. Silgan recognizes the importance of our water resources and is working to develop a water stewardship program that optimizes water withdrawal and consumption by prioritizing water-intensive processes and installing water-efficient equipment, including closed-loop recycling systems.</p>
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	Quantitative	Number	RT-CP-140a.3	<p><b>2017:</b> 0 <b>2021:</b> 0</p>
 <p><b>WASTE MANAGEMENT</b></p>	Amount of hazardous waste generated, percent recycled	Quantitative	Metric tons (t), percentage (%)	RT-CP-150a.1	<p><b>2017:</b> 2,817; 71% <b>2021:</b> 3,696; 54% (90% non-landfill)</p>
 <p><b>SUPPLY CHAIN MANAGEMENT</b></p>	Total wood fiber procured, percentage from certified sources	Quantitative	Metric tons (t), Percentage (%)	RT-CP-430a.1	<p><b>2017:</b> 0 <b>2021:</b> 0</p>
	Total aluminum purchased, percentage from certified sources	Quantitative	Metric tons (t), Percentage (%)	RT-CP-430a.2	<p><b>2017:</b> 94,513 <b>2021:</b> 116,055; 88%</p>

## SILGAN HOLDINGS SASB CONTAINERS & PACKAGING INDEX (CONT.)

TOPIC	METRIC	CATEGORY	UNIT OF MEASURE	CODE	SILGAN DATA
 <p><b>PRODUCT SAFETY</b></p>	Number of recalls issued, total units recalled	Quantitative	Number	RT-CP-250a.1	<b>2021:</b> 0; 0
	Discussion of process to identify and manage emerging materials and chemicals of concern	Discussion and Analysis	N/A	RT-CP-250a.2	<p>Silgan has a long history of supplying sustainable rigid packaging products to the food and beverage industry. As a result of our continuous improvement culture, we place a high value on the safety and reliability of our products. Silgan's operational and procurement teams scrutinize all new materials to meet applicable environmental, health and safety, food safety, and consumer regulations. Silgan has eliminated or significantly reduced a number of emerging materials and chemicals of concern, including BPA and PFAS.</p>
 <p><b>ACTIVITY METRICS</b></p>	Amount of production, by substrate	Quantitative	Metric tons (t)	RT-CP-000.A	<p><b>2017:</b> 94,513 aluminum; 237,430 plastic; 1,028,788 steel</p> <p><b>2021:</b> 116,055 aluminum; 321,480 plastic; 1,025,795 steel</p>
	Percentage of production as: (1) paper/wood, (2) glass, (3) metal, and (4) plastic	Quantitative	Percentage (%) by revenue	RT-CP-000.B	<b>2021:</b> 66% metal, 34% plastic, 0% glass, 0% paper/wood
	Number of employees	Quantitative	Number	RT-CP-000.C	<b>2021:</b> 15,000



## SILGAN HOLDINGS SASB CONTAINERS & PACKAGING INDEX (CONT.)

TOPIC	METRIC	CATEGORY	UNIT OF MEASURE	CODE	SILGAN DATA
 <p><b>PRODUCT LIFECYCLE MANAGEMENT</b></p>	Percentage of raw materials from: (1) recycled content, (2) renewable resources, and (3) renewable and recycled content	Quantitative	Percentage (%) by weight	RT-CP-410a.1	<b>2021:</b> 21% recycled content; 4% renewable resources; 1% renewable and recycled content
	Revenue from products that are reusable, recyclable, and/or compostable	Quantitative	Reporting Currency	RT-CP-410a.2	<b>2021:</b> 5,165 million USD
	Discussion of strategies to reduce the environmental impact of packaging throughout its lifecycle	Discussion and Analysis	N/A	RT-CP-410a.3	Our packaging products provide significant environmental value to the products they protect, including shelf-stability, high recycling rates, infinite recyclability, high recycled content, and reusability. In addition, the strategies we utilize to improve upon these sustainability advantaged characteristics include light-weighting our products, increasing the recycled content of substrate, offering PCR alternatives to virgin resin products, increasing the energy and resource efficiencies of our internal operations, and reducing the overall material intensity of our process materials. Product stewardship also entails engaging our supply chain to reduce their environmental impact through improved efficiencies and increased recycled content. Silgan also actively partners with organizations to increase knowledge and capacity of the recycling infrastructure. We will seek to work with our trade groups to communicate those needs to governments that are applicable to our operations..



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