



INGENUITY UNLEASHED

# GOALS, DATA TABLES, AND SASB INDEX 2023

# TESSY'S GOALS, DATA TABLES, AND SASB INDEX REPORTING YEAR 2023

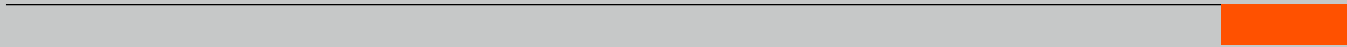
This report highlights activities across Tessy operations in New York from January 1 through December 31, 2023. Our scope encompasses initiatives undertaken by Tessy during the calendar year unless otherwise indicated. Data given within this report mirrors information given within our most recent stewardship report and/or CDP responses. This report was developed in reference to the GRI Standards 2021 and in alignment with SASB standards for the Containers and Packaging industry, version 2023-12. Tessy New York facilities include: 3 facilities on the Elbridge Campus, 1 in Skaneateles, 2 in Auburn, 1 in Baldwinsville and 3 in Webster.





# GOALS AND PROGRESS

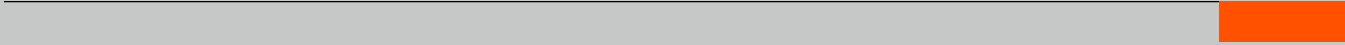
2023



	Our Commitments	Goals	2023 Progress	SDG
People	<p>Ensure a <b>healthy and safe</b> environment for all employees.</p> <p>Implement enabling systems to promote <b>employee well-being</b>.</p> <p>Cultivate a learning and growth culture to support employee <b>career development</b></p> <p>Conduct business with the <b>highest ethical standards</b>.</p>	<p>Reduce Total Recordable Incident Rate (TRIR) 20% by 2030 from a base year 2022</p> <p>100% employees trained on anti-harassment training by 2030 100% of managers complete leadership and management training by 2030</p> <p>100% of employees receive performance evaluation annually</p> <p>100% of employees trained on cybersecurity by 2024 100% of targeted employees receive fair competition training by 2024</p>	<p>TRIR reduced by 4%</p> <p>Training design and content development initiated</p> <p>Fully achieved</p> <p>Training design and content development initiated</p>	<p>SDG 3: Good Health and Well-being</p> <p>SDG 8: Decent Work and Economic Growth</p>
Planet	<p><b>Climate:</b> Meet our Science Based Targets and source low carbon energy for our facilities.</p> <p><b>Water:</b> Manage our water resources sustainably.</p> <p><b>Waste:</b> Manage our waste to reduce its environmental impact.</p>	<p>Set Science Based Targets (submitted): 1) Reduce absolute scope 1 and 2 GHG emissions: 42.00% by 2030 from 2022 base year. 2) Reduce absolute total scope 3 GHG emissions: 25.00% by 2030 from 2022 base year.</p> <p>Maintain 100% water regulatory compliance 100% employees trained on Operation Clean Sweep by 2025 100% of the employees have access to Water and Sanitation facilities Reduce water intensity by revenue: 10% by 2030 from a base year 2020</p> <p>Limit waste to 1 lb of trash per employee per day by 2025 Seek zero waste to landfill for 50% of our sites by 2030</p>	<p>Company wide Scope 1, 2 and 3 inventory completed</p> <p>Fully achieved Fully achieved Fully achieved Water Intensity reduced by 7%</p> <p>1.33 lb of trash/employee/day Preliminary assessment initiated</p>	<p>SDG 3: Good Health and Well-being</p> <p>SDG 9: Industry Innovation and Infrastructure</p> <p>SDG 13: Climate Action</p>
Product	<p>Engage customers and suppliers to <b>design sustainable products, enhance production efficiency and streamline distribution</b>.</p> <p>Implement <b>responsible procurement</b> by engaging suppliers.</p>	<p>80% of customers engaged by 2030</p> <p>100% of the target suppliers screened using environmental and social criteria 100% of Tier 1 suppliers agree to supplier code of conduct</p>	<p>Customer Engagement metric and plans developed</p> <p>Fully achieved for 2023</p> <p>Fully achieved for 2023</p>	<p>SDG 3: Good Health and Well-being</p> <p>SDG 9: Industry Innovation and Infrastructure</p> <p>SDG 12: Responsible consumption and production</p>



# DATA TABLES



# EMPLOYEE DATA

Number of Employees by facility (GRI 2-7)	2023	2022	2021
Elbridge Campus, NY (3 facilities)	659	702	611
North , NY	287	290	259
Skaneateles , NY	189	203	174
Auburn , NY	92	172	165
Sennett , NY	0	Included in Auburn	Included in Auburn
Webster, NY (3 facilities)	2	1	Not operational
Number of Operational Facilities	10	10	7

Age Diversity by Job Category (GRI 2-7)		2023	2022
Executives/Senior Level	18-30	2	4
	31-50	16	13
	Over 50	13	14
Mid-Level Managers	18-30	7	4
	31-50	45	46
	Over 50	29	28
Professional	18-30	16	20
	31-50	48	44
	Over 50	26	29
Sales	18-30	6	7
	31-50	13	13
	Over 50	8	11
Technicians	18-30	74	82
	31-50	176	186
	Over 50	39	38

Age Diversity by Job Category (GRI 2-7)		2023	2022
Operatives	18-30	128	183
	31-50	212	226
	Over 50	102	109
Administrative	18-30	7	7
	31-50	21	26
	Over 50	7	7
Craft Workers	18-30	13	10
	31-50	13	17
	Over 50	8	10
Laborers and Helpers	18-30	64	89
	31-50	77	77
	Over 50	59	68



Parental Leave (GRI: 401-3)	2023	2022	2021 <sup>1</sup>
Gender Composition of US employees that took Parental leave			
Women	24	24	NA
Men	67	66	NA
Gender Composition of US employees who returned to work after parental leave			
Women	19	23	NA
Men	64	66	NA
Return to Work Rate (%)			
Women	79%	96%	NA
Men	95.5%	96%	NA
Retirement Plan	2023	2022	2021
Percentage of Employees enrolled in 401 (K) Plan	96	97	92

<sup>1</sup> Tracking system for this metric was not developed in 2021.

Career Management	2023	2022	2021
<b>Average hours of training per employee (GRI 404-1 )</b>			
	6.39 <sup>1</sup>	3	
<b>Programs for upgrading employee skills and transition (GRI 404-2)</b>			
Certified Floor Auditor Level I, II, III			
Process Apprenticeship Program			
Mold Maker Apprenticeship Program			
<b>Percentage of Employees receiving regular performance and career development reviews (GRI 404-3)</b>			
Executives /Senior Level	100%	100%	100%
Mid-Level Managers	100%	100%	100%
Professionals	100%	100%	100%
Sales	100%	100%	100%
Technicians	100%	100%	100%
Operatives	100%	100%	100%
Administrative	100%	100%	100%

<sup>1</sup> Data only includes Environmental Health and Safety training and those recorded by the electronic Learning Management System launched in August 2023.

Career Management	2023	2022	2021
<b>Percentage of Employees receiving regular performance and career development reviews (GRI 404-3)</b>			
Executives /Senior Level	100%	100%	100%
Mid-Level Managers	100%	100%	100%
Professionals	100%	100%	100%
Sales	100%	100%	100%
Technicians	100%	100%	100%
Operatives	100%	100%	100%
Administrative	100%	100%	100%
Internal Hire rate	2023	2022 <sup>1</sup>	2021 <sup>1</sup>
Internal Hire Rate	20.75%	NA	NA

<sup>1</sup> Tracking system for this metric was not developed in 2021 or 2022.

Health and Safety	2023	2022 <sup>1</sup>	2021 <sup>1</sup>
Percentage of operational sites for which employee health and safety risks have been conducted (GRI 403-2)	100%	NA	NA
Percentage of employees trained on health and safety risks and good working practices	100%	100%	100%

<sup>1</sup> Tracking system for this metric was not developed in 2022 or 2021.

# ENVIRONMENTAL DATA

Energy Consumption (GRI 302-1)	2023	2022	2021	2020
<b>Total Non-Renewable Fuel Consumed</b>				
<b>Non Renewable Fuel Type</b>				
Natural Gas (Therms)	828,948.70	511,656.60	536,987.00	415,009.80
Fuel Oil (Gallons)	444.50	856.00	1,003.90	6,547.40
Diesel (Gallons)	11,321.18	9,227.39	10,769.04	9,586.93
Gasoline (Gallons)	4,281.97	17,268.94	11,330.84	10,320.75
Propane (Gallons)	1,144.70	896.90	1,376.60	2,112.70
Carbon Dioxide (Pounds)	217,444.00	255,060.00	264,131.00	225,411.00
<b>Electricity, Heating, Cooling and Steam Purchased</b>				
Electricity Purchased (Kwh)	104,198,354	102,431,524	92,369,834	83,425,195
Low-carbon/emission free credits purchased(Kwh)	37,183,090	37,931,238	34,852,078	32,291,951
% Low-carbon/emission free	36%	37%	38%	39%

Greenhouse Gas Emissions in mT CO <sub>2</sub> e (GRI 305-1, 305-2,305-3)	2023	2022	2021	2020
Total Scope 1 GHG emissions	4,683.31	3,105.04	3,212.40	2,830.39
Total Location-based Scope 2 GHG emissions	13,016.4	10,872.11	9,828.15	8,824.88
Total Market-based Scope 2 GHG emissions	8,371.51	6,846.08	6,119.89	5,408.98
Total Scope 3 GHG emissions	5,278.72	5,156.19	4,976.97	6,352.42
Third Party Transportation and Distribution	2,047.79	2,036.03	1,673.28	2,645.52
Business Travel	66.90	75.99	48.60	44.90
Employee commute	3,164.03	3,044.17	3,255.09	3,662.00

Water	2023	2022	2021	2020
Total water withdrawn (Megaliters)	109.27	116.68	86.69	84.72
Total water consumed (Megaliters)	109.27	116.68	86.69	84.72
Total water discharged (Megaliters)	0	0	0	0
<b>Water withdrawn by source (%) (GRI 303-3)</b>				
Surface water	100%	100%	100%	100%
<b>Total water discharge by destination (%) (GRI 303-4)</b>				
Wastewater Treatment plant and evaporation	100%	100%	100%	100%
Total water use in areas of high or extremely high baseline water stress	0%	0%	0%	0%
Total weight of pollutants emitted to water	0%	0%	0%	0%

Waste in metric tons (GRI 306)	2023	2022	2021	2020
<b>Total waste generated</b>	<b>2489.24</b>	<b>2527.37</b>	<b>2908.87</b>	<b>2873.87</b>
Hazardous waste	4.10	3.23	4.54	4.62
Non-hazardous waste	2485.14	2524.15	2904.33	2869.25
<b>Total Waste Diverted from disposal (GRI 306-4)</b>	<b>2122.90</b>	<b>2177.16</b>	<b>2595.99</b>	<b>2550.53</b>
<b>Hazardous Waste</b>	0.47	0.00	0.23	0.23
Reused	0.00	0.00	0.23	0.23
Recycled	0.00	0.00	0.00	0.00
Waste-to-Energy	0.35			
Clean Extraction	0.11			
<b>Non-Hazardous Waste</b>	<b>2122.43</b>	<b>2177.16</b>	<b>2595.77</b>	<b>2550.31</b>
Reused (Oil-Refining, Reclaimed)	13.29	1.80	2.08	1.56
Waste to Energy	0.00	1.68	1.34	0.75
Recycled	2109.13	2173.68	2592.35	2548.00
<b>Total Waste Directed to disposal (GRI 306-5)</b>	<b>366.34</b>	<b>350.22</b>	<b>312.88</b>	<b>323.34</b>
Hazardous Waste	3.63	3.23	4.31	4.40
Hazardous waste disposal facility	3.63	3.23	4.31	4.40
Incinerated		0.00	0.00	0.00
<b>Non-Hazardous waste</b>	<b>362.71</b>	<b>346.99</b>	<b>308.57</b>	<b>318.94</b>
Landfill	332.31	317.90	283.70	296.49
Incinerated	14.89	25.55	22.46	18.78
Bio/chemical treatment (Waste Water Treatment Plant)	15.51	3.54	2.41	3.67



<b>Environmental Training</b>	<b>2023</b>	<b>2022</b>	
% of the total workforce across all locations who received training on environmental issues	100	100	
<b>Environmental Risk Assessment</b>	<b>2023</b>	<b>2022</b>	
% of all operational site for which an environmental risks assessment has been conducted	100	82	
<b>Environmental Compliance (GRI 307)</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
Fines paid for environmental non-compliances (USD)	0	0	0
Number of environmental non-compliances	0	0	0
Percentage of sites certified to ISO 14001	100%	80%	100%
<b>Customer Health and Safety</b>	<b>2023</b>	<b>2022</b>	<b>2021</b>
Number of incidents of non-compliance concerning health and safety impacts of products and services	0	0	0
Number of Incidents of non-compliance with labeling requirement	0	1	0
Number of Product Recalls	0	0	0
Percentage of sites producing medical equipment certified to ISO 13485	100%	100%	100%

# SUSTAINABLE PROCUREMENT

Suppliers	2023	2022	2021
Number of Tier 1 suppliers	155	162	
Number of Tier 2 suppliers	351	353	
Number of Tier 3 suppliers	588	558	
Number of Tier 1 suppliers that are not customer directed	57	75	
Supplier Environmental Assessment	2023	2022	
Number of new suppliers in the reporting year	10	5	
Percentage of new suppliers that were screened using environmental criteria (GRI 308-1)	100	100	
Number of suppliers assessed for environmental and social impacts (GRI 308-2)	10	5	
Number of suppliers that were rejected due to CSR issues	0	3	
of targeted suppliers that have signed the sustainable procurement charter/supplier code of conduct	100	100	
% of targeted suppliers with contracts that include clauses on environmental, labor and human rights issues	100	100	
% of targeted suppliers that have gone through a CSR audit in the reporting year	11	2	
% of buyers across all locations who have received training on sustainable procurement	100	100	
% of targeted suppliers that are conflict mineral free	*	100	
Number of Diverse Suppliers	41	40	

\* Assessment on going and will be reported separately.



# SASB INDEX

The Sustainability Accounting Standards Board (SASB) categorizes Tessy within its Containers and Packaging Industry, under its Sustainable Industry Classification System (SICS). Our SASB response is a supplement to our Annual Stewardship Report 2023.



# GREENHOUSE GAS EMISSIONS

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-110a.1	Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations	<p>Gross global Scope 1 emissions in 2023: 4,683.31 metric tons CO<sub>2</sub>e. (0% under an emissions limiting regulation).</p> <p>In 2023, Scope 1 emissions include emissions from of 1.5 million sq. ft of facility in Webster, NY for the first time, which increased our emissions by 50%.</p> <p><a href="#">Annual Stewardship Report 2023 (pages 24-25)</a></p>
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	<p>In 2023, Tessy made preparations to submit Science Based Targets for scope 1 and scope 2 emission reduction in line with “1.5 °C” and scope 3 in line with well-below “2 °C” by 2030 compared to the baseline 2022. The scope of the targets include all direct Tessy operations in the United States and Shanghai, China for</p> <p>a) Scope 1 and 2 emissions target is a 42% reduction from a 2022 base year by 2030 and                      b) Scope 3 emissions target is a 25% reduction from a 2022 base year by 2030.</p> <p>Both targets are absolute targets.</p> <p>The strategy for emissions reduction for Scope 1 and 2 include implementation of energy efficiency projects and purchasing 80 to 90% low carbon energy, whereas achieving Scope 3 emission reduction targets include using raw materials with lower emissions such as recycled materials and producing products with lower carbon footprint by engaging customers and suppliers. A risk to achieving the Scope 3 target is unavailability of alternative low emission materials that are approved by customers.</p>

# AIR QUALITY

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-120a.1	Air emissions of the following pollutants: <ol style="list-style-type: none"><li>1) NOX (excluding N<sub>2</sub>O)</li><li>2) SOX</li><li>3) Volatile organic compounds (VOCs)</li><li>4) Particulate matter (PM)</li></ol>	Tessy is currently not disclosing air emissions, however, we are reporting our GHG emissions as metric tons CO <sub>2</sub> equivalent of CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, HFCs, PFCs, SF <sub>6</sub> , NF <sub>3</sub> . Tessy does not currently track its emissions of NOX, SOX, VOCs and PMs due to an air pollution audit three years ago indicating that an immaterial amount of these types of pollutants were released from Tessy facilities.

# ENERGY MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-130a.1	<ol style="list-style-type: none"><li>1) Total energy consumed</li><li>2) Percentage grid electricity</li><li>3) Percentage renewable</li><li>4) Total self-generated energy</li></ol>	<ol style="list-style-type: none"><li>1) Total Energy consumed : 464,955.02 GJ<ul style="list-style-type: none"><li>• Heating: 87,437.5 GJ</li><li>• Generator: 65.12 GJ</li><li>• Vehicles: 2,223 GJ</li><li>• Propane: 115.33 GJ</li><li>• Electricity: 375,114.07 GJ</li></ul></li><li>2) Percentage grid electricity: 100%</li><li>3) Percentage renewable: 36% from hydropower vPPA, Green-e Certified wind power, nuclear</li><li>4) Total self-generated energy: Not applicable</li></ol>

# WATER MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
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) Total water withdrawn: 109.27 thousand cubic meters (0% in regions with high or extremely high baseline water stress) 2) Total water consumed: 109.27 thousand cubic meters (0% in regions with high or extremely high baseline water stress)  Freshwater is the source of our water withdrawn and consumed through municipal water utility providers.
RT-CP-140a.2	Description of water management risks and discussion of strategies and practices to mitigate those risks.	Based on water risk assessment using the WWF water risk filter, Tessy is not located in water stressed regions and withdraws water from water abundant Central New York freshwater sources. Interannual and seasonal water availability is low, including impacts from climate change on water availability. All our production facilities have closed loop water systems where water is re-used for all cooling processes. Water is consumed through evaporation from the water cooling towers. We monitor municipality's annual water reports to anticipate any major changes to water availability and water pricing. We disclose our water management risks and strategies to mitigate those risks in our CDP Water Security Response annually. See our CDP W4. Risks and Opportunities for water related targets and progress towards achieving them.

# WATER MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-140a.3	Number of incidents of non-compliance associated with water quality permits, standards, and regulations.	There were no incidents of water related non-compliance within the reporting year



# WASTE MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-150a.1	Amount of hazardous waste generated, percentage recycled.	In 2023, 4.10 metric tons of hazardous waste was generated, out of which 3% was reclaimed through clean extraction. Hazardous waste definition used is as defined by the USEPA.

# PRODUCT SAFETY

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-250a.1	Number of recalls issued, total units recalled.	As a third party manufacturer, we do not issue product recalls from consumers. We did not recall any products from our customers.
RT-CP-250a.2	Discussion of process to identify and manage emerging materials and chemicals of concern.	<p>We are committed to meeting all regulatory requirements and customer design specifications. Our product design and raw materials are selected by customers. We work with our customers to meet their product safety standards, product labeling requirements and end-of-life treatment.</p> <p>Our Quality Policy and Environmental, Health, and Safety Policy provide guidance on running safe and healthy facilities. Our facilities are ISO 13485 and ISO 14001 certified. Our Quality Management Systems and Environmental Management System is applied to identify areas of concerns (aspects) and manage associated risks. Each new material purchased undergoes Production Part Approval Process to assess the environmental risks along with employee health and safety risks, and appropriate risks management processes is triggered. These can include updating PPE requirements for material handling, creating new waste streams and waste profiles. Safety Data Sheets for all materials are obtained and made accessible to all employees.</p>

# PRODUCT LIFECYCLE MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-410a.1.	Percentage of raw materials from: (1) recycled content, (2) renewable resources, and (3) renewable and recycled content	As Tessy is a third party contract manufacturer, product design, raw material and suppliers are often directed by customers. Currently, less than 1% of raw material includes recycled content (post-consumer recycled content and post-industrial recycled content). Currently, challenges such as feedstock for recycled resin that can meet the quality standards of products slows down the integration of recycled content in final products.
RT-CP-410a.2.	Revenue from products that are reusable, recyclable, or compostable	Currently our consumer products are considered technically recyclable based on the definition by the Ellen MacArthur Foundation. About 41% of our revenue is from consumer goods while rest is from medical customers.

# PRODUCT LIFECYCLE MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-410a.3	Discussion of strategies to reduce the environmental impact of packaging throughout its lifecycle	<p>Our commitments are centered around People, Planet and Product. As a third party manufacturers of product parts, we engage our customers and suppliers on</p> <ol style="list-style-type: none"><li>1) Sustainable Product Design,<ul style="list-style-type: none"><li>• Trial different raw materials including recycled and bio-based resins, and assess its impact on the function, aesthetics, costs and environment.</li><li>• Explore options to use less raw material by light weighting the product</li><li>• Promote circular economy improving the recyclability of the product by using single material, easily removable label, and adding recyclability information</li></ul></li><li>2) Streamlined Distribution<ul style="list-style-type: none"><li>• Analyze and evaluate product design for assembly, packaging and distribution solutions</li><li>• Develop custom design for packaging that eliminate the need for additional packaging across the supply chain</li><li>• Implement in-house packaging where possible to ship finished products direct to the customer's distribution centers, reducing the time and number of distribution points</li><li>• Use reusable and returnable pallets and boxes, especially for domestic customers.</li><li>• Optimize transportation modes to reduce carbon emission, for example, sea routes instead of air.</li></ul></li></ol>

[Annual Stewardship Report 2023 \(PDF pages: 14-23\)](#)

# SUPPLY CHAIN MANAGEMENT

SASB CODE	METRIC	DATA/ RESPONSE
RT-CP-430a.1.	Total wood fibre procured; percentage from certified sources	Tessy does not use any significant amounts of wood-fiber products to produce finished products.
RT-CP-430a.2	Total aluminum purchased; percentage from certified sources	Tessy does not procure any significant amount of aluminum. Resin remains our top commodity spend and is the material in which we have the most purchasing visibility.