2024

Annual Sustainability Report

Logan Aluminum, Inc.
6920 Lewisburg Rd.
Russellville, Kentucky 42276

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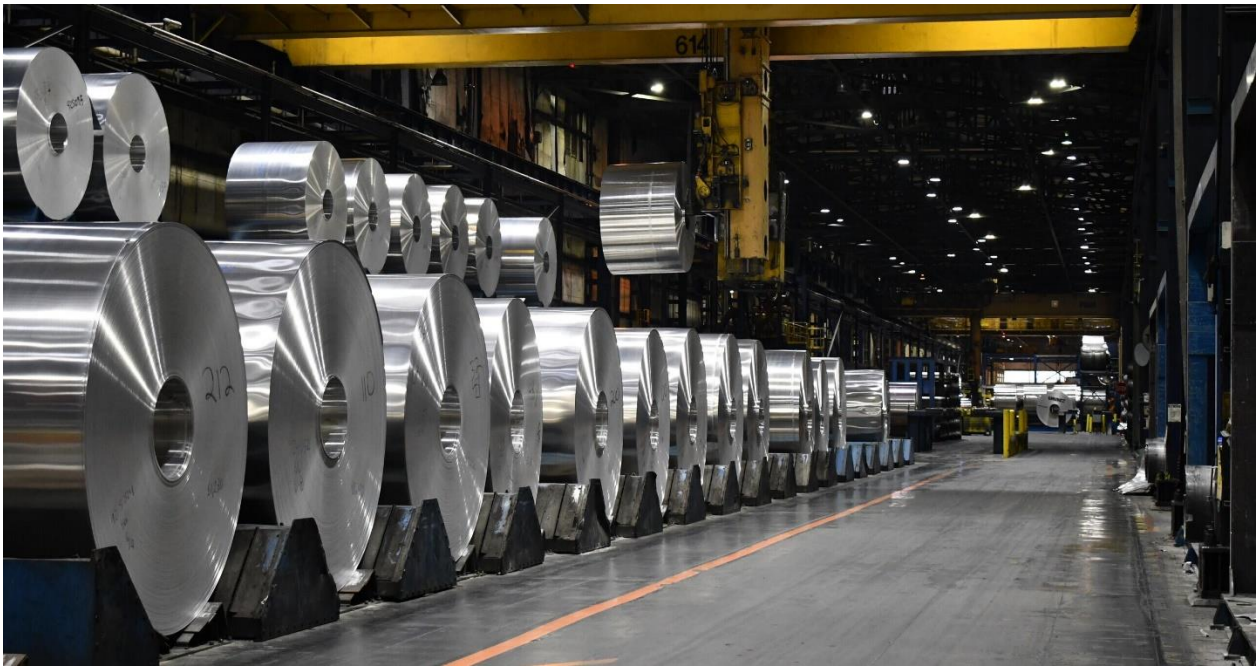
Foreword



Our Vision

Logan Aluminum is committed to maintaining our legacy of high-quality service and product while prioritizing sustainable practices and improving our ability to serve our community and customers. We will accomplish this through alignment with industry standards and continual use of innovative technology and management.

Logan Aluminum is an integrated aluminum rolling mill located in Russellville, Ky. At our site you will find two remelting & casting facilities, hot rolling, cold rolling, and finishing processes. In 2024 Logan produced over 2.28 billion pounds of rolled aluminum. While there are a variety of uses for our metal, including automotive applications, building materials, and specialty materials, the vast majority of our business is in the beverage can industry. Our facility supplies over 45% of the North American can market. With a wide national and global presence, Logan Aluminum recognizes the increasing need for environmental stewardship, transparency, and influence.

2024 Highlights

LOGAN ALUMINUM
1984 - 2024

"We shall strive to reduce our environmental footprint and risk profile for Logan Aluminum through superior operational performance and compliance to achieve environmental excellence in all areas."

40 years of operational excellence

Over **226,000 tons** of post-consumer scrap recycled

Including **~13.42 billion** used beverage cans

2.28B+ lbs. of rolled aluminum sheet

1,400+ Employees

Over **6 million gallons** of water recycled

Over **19,000 tons** of waste recycled or valorized

Message from Leadership

At Logan Aluminum, we believe that true leadership is measured not only by operational excellence, but by the legacy we leave for future generations. In 2024, we continued to build on our 40-year foundation of innovation, quality, and community partnership—while accelerating our journey toward a more sustainable future.

This year's report reflects the dedication of our 1,400+ team members who have embraced our vision of environmental stewardship and safety. From recycling over 13 billion used beverage cans to advancing our carbon reduction strategy, we are proud of the measurable progress we've made. Our commitment to safety remains unwavering, with zero life-changing injuries reported and a continued focus on proactive risk reduction.

We also recognize that sustainability extends beyond our gates. Through initiatives like "Capture Every Can," partnerships with local schools and universities, and our first annual Shop Local Logan celebration, we are investing in the well-being of our communities and the resilience of our region.

As we look ahead, we remain committed to transparency, innovation, and collaboration. Guided by global standards such as ASI and ISO 14001, and supported by our owners and partners, we will continue to lead with purpose—delivering value to our customers while protecting the planet we all share.

Thank you for joining us on this journey.

Van Mitchell

Environmental, Safety and Security Manager

Logan Aluminum, Inc.

Health and Safety

At Logan Aluminum our vision is to demonstrate an increasing capability to operate injury free and to eliminate all “Life Changing Injuries”.

Health and Safety Leading Indicator Focus

Logan Aluminum is deeply committed to safety sustainability, prioritizing the well-being of its employees and fostering a culture of proactive safety engagement. Annually, Logan Aluminum identifies and mitigates high-risk scenarios before incidents occur by implementing critical initiatives focusing on Serious Injury and Fatality potential (SIFp) prevention projects. These continuous improvement projects may include exposure reductions around MEPS (Mobile Equipment and Pedestrian Separation), Machine Safeguarding, Fall Protection, Hazardous Energy Control (Lockout-Tagout), Cranes & Lifting Equipment Safety, Molten Metal Explosion Prevention, Exposure Identification training, Human Operational Performance, etc.FY25 Safety Risk Reduction Activities and SIF Prevention Initiatives

Cold Mill 4
Scrap Handling Improvement

ESM Garage
Fall Protection Improvement

Cold Mill
Machine Guarding Improvement

Hot Mill
Electrical Safety Project

Finishing & Remelt
MEPS Improvements

DC4
Pedestrian Cross Walks

Plantwide Intiatives

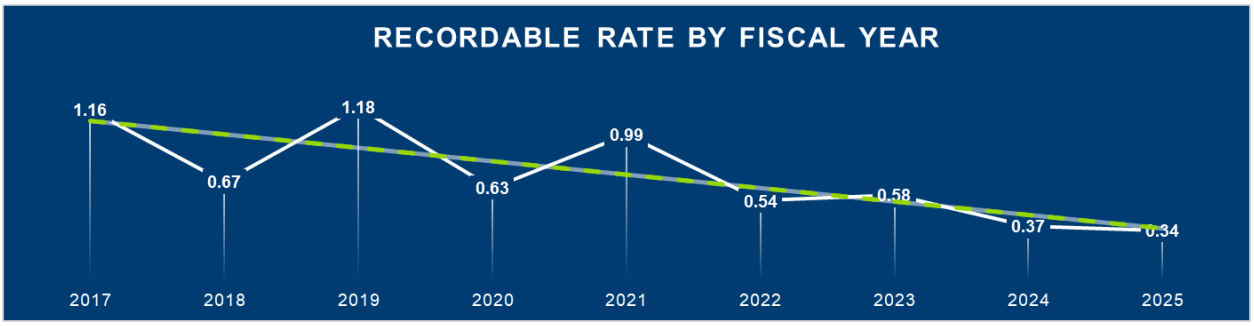
Manufacturing Facility Bike Reduction

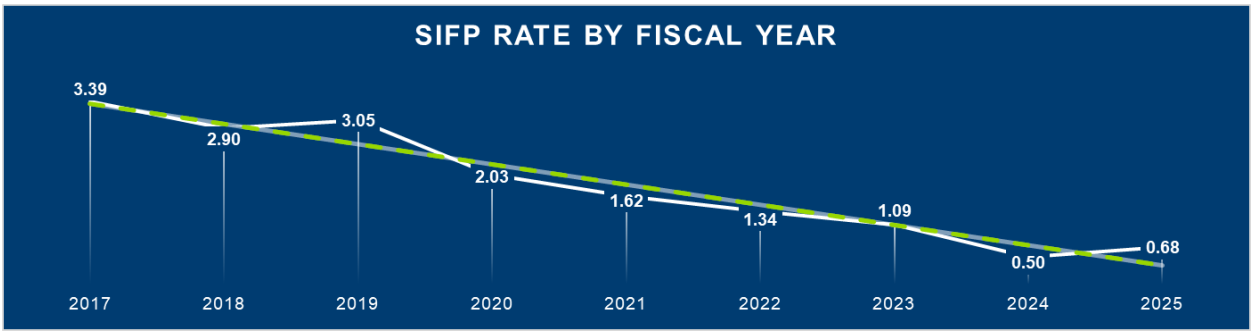
Advanced Incident Investigation Training

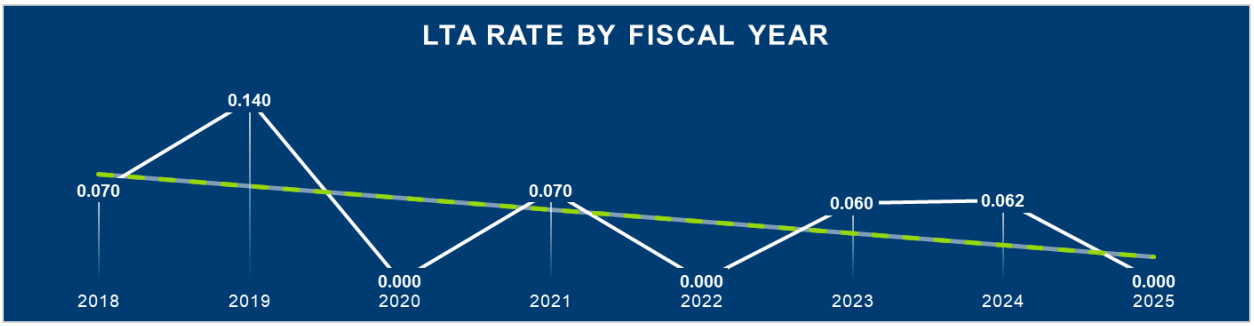
Enhance Fall Protection Equipment Inspection Database

Health and Safety Statistics FY25

3	0	10	0
Recordables	Lost Time Accidents (LTAs)	SIF Potential (SIFp)	SIF Actual





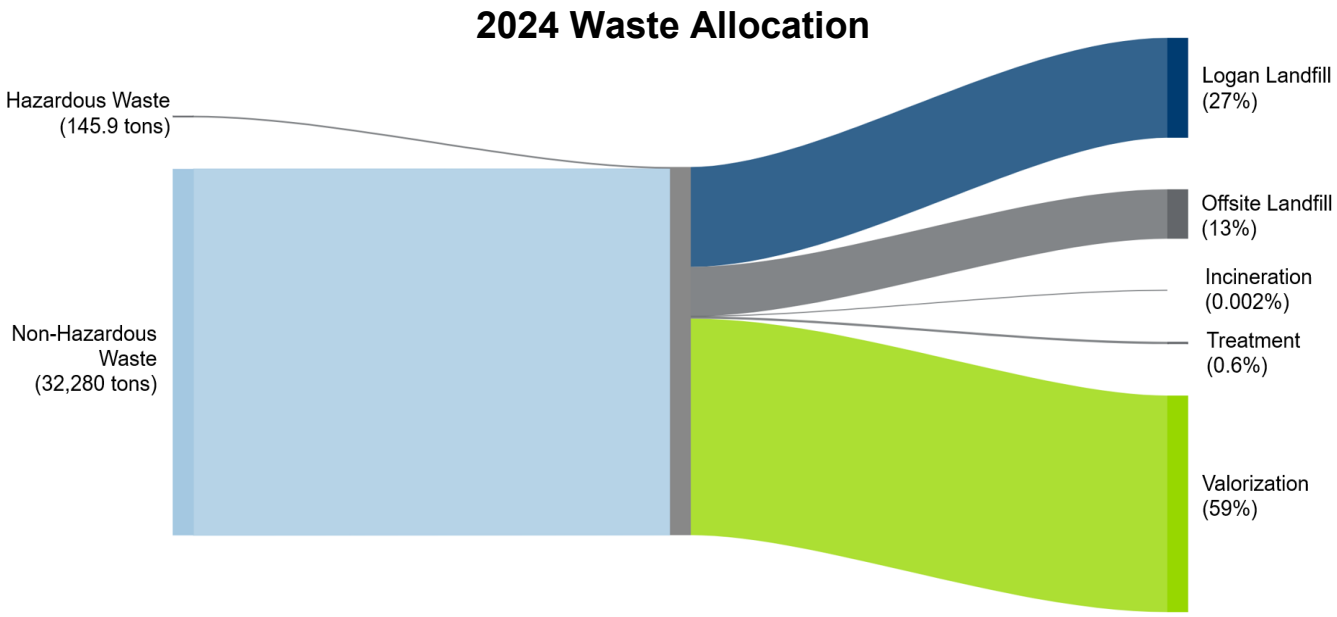


Incident Rates	FY25 Logan Aluminum	*Industry Average	Logan Performance to Industry Average
Total Recordable Incident Rate	0.34	1.30	↓ 73.8% Lower
Lost Time Incident Rate	0.00	0.60	↓ 100% Lower

*Industry average data based upon 2023 U.S. Bureau of Labor Statistics Incident rates for NAICS Code 331315.

Waste

Logan Aluminum works to continually improve waste disposal processes and aims to send each waste stream to the optimal disposal or valorization route. This is done through constant investigation of best practices as well as auditing of our waste routes to ensure our scope 3 impact is minimized.



The above chart provides a simplified picture of waste allocation for the year 2024. The term “valorization” can be described as any process which transforms waste materials into a valuable product or energy source. At Logan Aluminum this is inclusive of all waste-to-energy, recycling, recovery, and fuel blending processes. These values do not include products such as dross or aluminum recycled outside of the facility. Where scrap or waste aluminum is generated, Logan Aluminum targets a 100% collection and recycling rate.

Over

19,000 tons

of waste recycled, reclaimed, or recovered.

Including

115 tons of cardboard

2,023 tons of wood

2089 tons of mixed metals

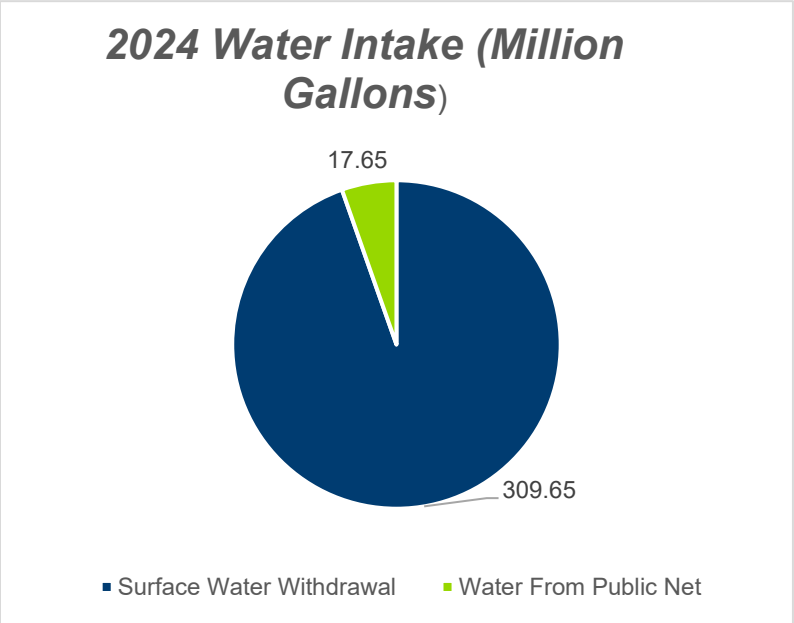
Total Landfill Intensity

22.98

Lbs. landfilled waste/ Ton of finished Product

Water Resources

Logan Aluminum utilizes water for various processes across the facility including casting, rolling, and coating processes as well as domestic usage. Water is managed and treated internally and is ultimately discharged out of our constructed wetland treatment system. Logan Aluminum recognizes the importance of water stewardship. Data relating to 2024 can be seen below.



Water Intensity

0.143

Gal./ Packed lb.

6.6% decrease

from 2023

Water Recycled

6M+ gal

Water Stewardship

Logan recognizes the highest risks to our surrounding watersheds are water quality (TSS, BOD, conductivity, and general eutrophication) as well as impacts to local biodiversity. For the area and region Logan Aluminum is situated in, the primary concern is the improvement of existing infrastructure to support the risks outlined in our Water Resources Plan.

Through our water quality monitoring (both internal and with regulatory bodies) Logan aims to meet or surpass all applicable water quality standards. Logan is dedicated to evaluating the effectiveness of our water treatment systems, as well as the efficiency of our water consuming processes in order to integrate projects which materially improve water stewardship.

Logan Aluminum works in conjunction with our owners to develop goals relating to water stewardship. Additionally, as an ASI (Aluminium Stewardship Initiative) certified facility, Logan is committed to alignment with water related goals within the standard. The principle of the initiative is for a facility to withdraw, use, and manage water responsibly to support the stewardship of shared water resources.

Carbon Strategy

Phase 1		Phase 2		Phase 3	
Pursuing strategic partnerships to increase rail transportation.	✓	Higher utilization of rail transportation.	○	Ongoing initiatives to identify and implement efficiencies (electric and fuel) in processes.	○
Lowering energy intensity across the site through efficient practices.	◔	Continue to collaborate with industry groups and peers to align with the adoption of emerging technologies.	○	Continue to assess opportunities for reducing scope 3 emissions (upstream and downstream).	○
Developing strategic partnerships with technology innovators in carbon reduction and waste energy recovery.	◔	Perform technical and economic feasibility assessments of preferred phase 1 technologies.	○	Implementation of carbon reduction technologies determined in phase 2 to be technically and financially viable.	○
Developing systems to better monitor scope 1 emissions.	✓	Developing systems to better monitor scope 2 and 3 emissions.	◔		
Increasing visibility and discussion around scope 2 and 3 emissions.	◔	Develop a comprehensive carbon intensity benchmarking strategy.	◔		
Pilot projects lowering scope 1 transportation emissions. (Hydrogen/electric powered industrial vehicles/equipment).	◔	Implement any viable pilot projects for industrial vehicles to reduce scope 1 carbon emissions	○		
Improving carbon literacy on a plant level to improve engagement and innovation.	◔				

○ **No significant progress**

◔ **Estimated Progress**

✓ **Completed**

Logan Aluminum launched our carbon reduction strategy in 2023. We are still in the first phase of our three-stage strategy and approaching targets in phase 2. In this year we have made progress on several fronts, and we continue to be open to new solutions as technology advances. We have investigated multiple avenues for reduction through new partnerships and technology research. While we understand potential strategies will change as new technology becomes available, these goals are representative of our overall path to a lower carbon future.

Our Partners

Logan Aluminum shows our commitment to stewardship through our alignment with more stringent standards for environmental action. Namely, we are certified with the Aluminum Stewardship Initiative (ASI) as well as ISO 14001.

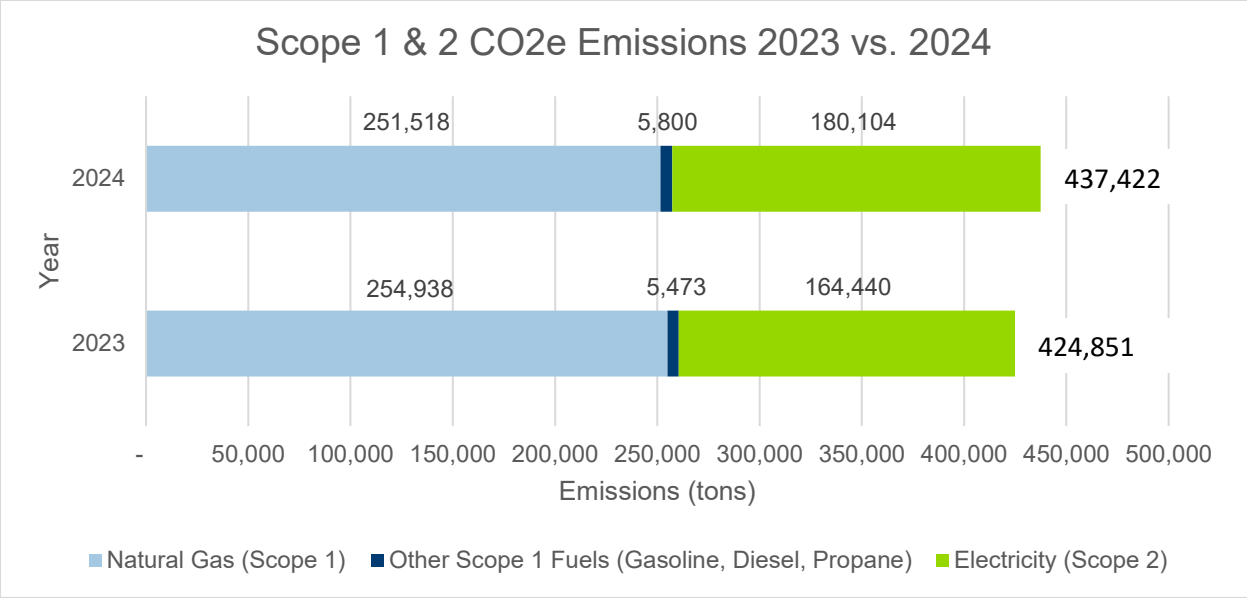
ASI aims to create a global standardization for environmental performance and sustainability in aluminum. ASI provides a framework of requirements to ensure that the aluminum sector is making reduction progress at a rate that follows the 1.5C aligned pathway. This approach applies to all areas of the aluminum sector and is guided by industry knowledge and available technologies. This standard is ever changing to meet current capabilities and requirements. Logan's alignment adds additional assurance for environmental stewardship.

ISO 14001 focuses on developing strong Environmental Management Systems. Through implementation of best practices in management, we are able to better understand and predict the health of our environmental indicators, reduce our footprint, and improve legal compliance.

Logan Aluminum also collaborates and takes guidance from several key stakeholders when developing and implementing goals for decarbonization. This includes The Aluminum Association, the Metals Innovation Initiative, The International Aluminum Institute, and of course, our owners Novelis, Inc. and Tri-Arrows Aluminum.

Scope 1 & 2

2024 Overview



Total Carbon Intensity: **0.382** tons CO_2e / packed ton

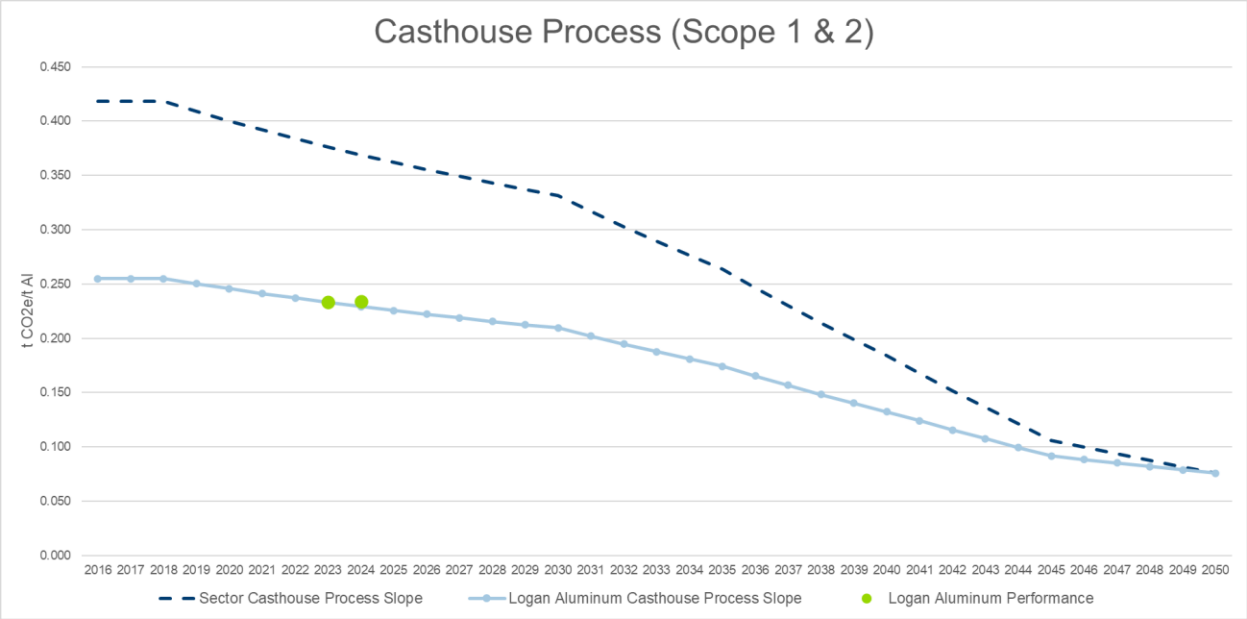
8.9% Increase from 2023

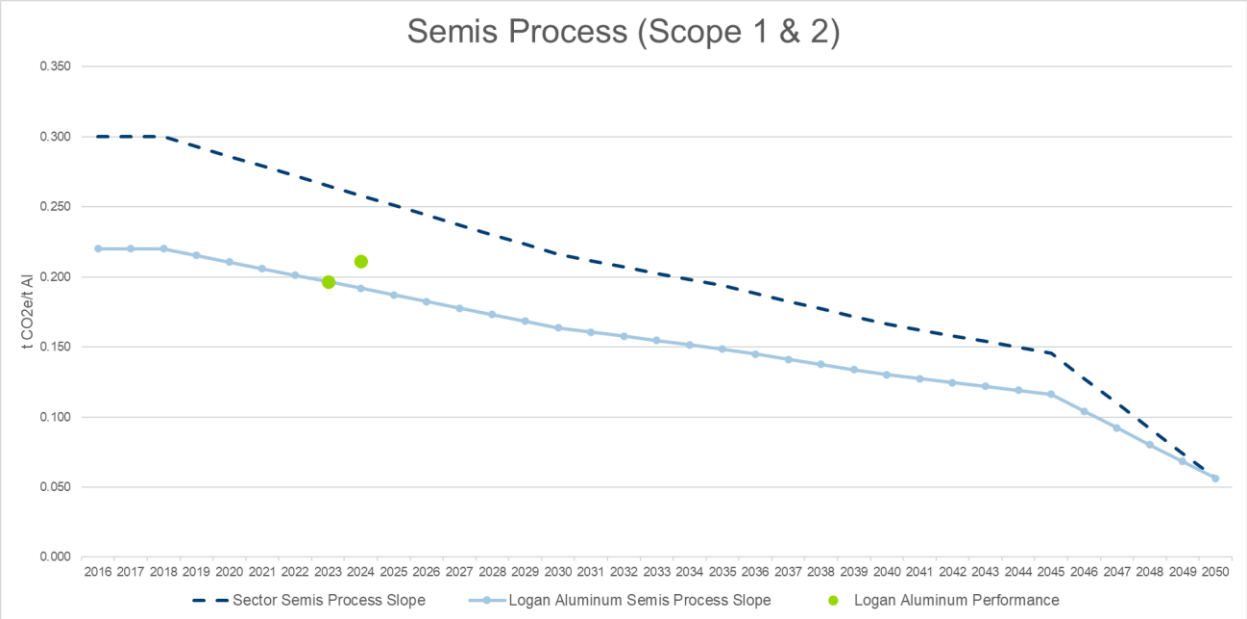
* Calculations for scope 1 & 2 GHG emission data verified through limited assurance from a third-party auditor (Intertek).

Greenhouse Gas Pathway

In line with ASI Section 5.3, Logan Aluminum has developed a GHG Emissions Reduction Pathway consistent with a 1.5°C warming scenario, with the ASI endorsed methodology. This tool was used to provide two slopes for alignment, one for casthouse Scope 1 & 2, and one for Semi-fab Scope 1 & 2. At Logan Aluminum, the casthouse intensity is inclusive of our remelting and casting centers. Semi-fab is representative of hot rolling, cold rolling, and finishing processes.

The graphs below represent the path Logan Aluminum aims to follow in order to reach the carbon reduction required to meet sectoral goals by 2025. The dashed line represents the required reductions for the general aluminum sector, and the solid line represents Logan Aluminum's goals for carbon reduction.





NET ZERO BY 2050	Goals By 2050	2024 Actuals	2024 Pathway Performance	2024 Compared to Sectoral Goals
Casthouse Intensity	0.076	0.234	↑ 2% Above	↓ 37% Below
Semi-Fabrication Intensity	0.056	0.211	↑ 10% Above	↓ 18% Below

Scope 1 Detail

Logan Aluminum continuously pursues projects surrounding energy efficiency and reduction. Because of Logan's continual growth, analyzing our carbon intensity (as a function of CO_2e output per production weight) is an important metric to determine our progress toward reduction. We are pursuing projects that both efficiently increase our output to meet growing demand, as well as projects that decrease fuel consumption, which work together to improve this metric.

This includes projects that reduce natural gas consumption in the largest users, projects that aim to reduce aluminum waste within our process, projects that increase efficiency, and projects to reduce mobile fuel usage. In addition, Logan has participated in research around energy reduction and investigated potential carbon reduction technologies which could be key for late-stage carbon reduction progress.

Natural Gas Strategy

Logan Aluminum's largest contributor to scope 1 emissions is natural gas combustion for heating and melting processes. Logan has investigated many ways to reduce this contribution and continually assesses projects to reduce usage plantwide.

Currently, Logan's investigation has found the most fruitful improvement projects in this stage are to continue to optimize the efficiency of high users of natural gas, which will decrease fuel usage at the source. These efforts focus primarily on the remelting centers, which are the most heat intensive processes. In 2024, Logan Aluminum used a total of 4,187,098 MCF of natural gas for our process.

Logan has also committed to staying aligned with emerging technologies and aims to reinvestigate any new systems for waste heat recovery or carbon capture and implement those options when they reach viability.

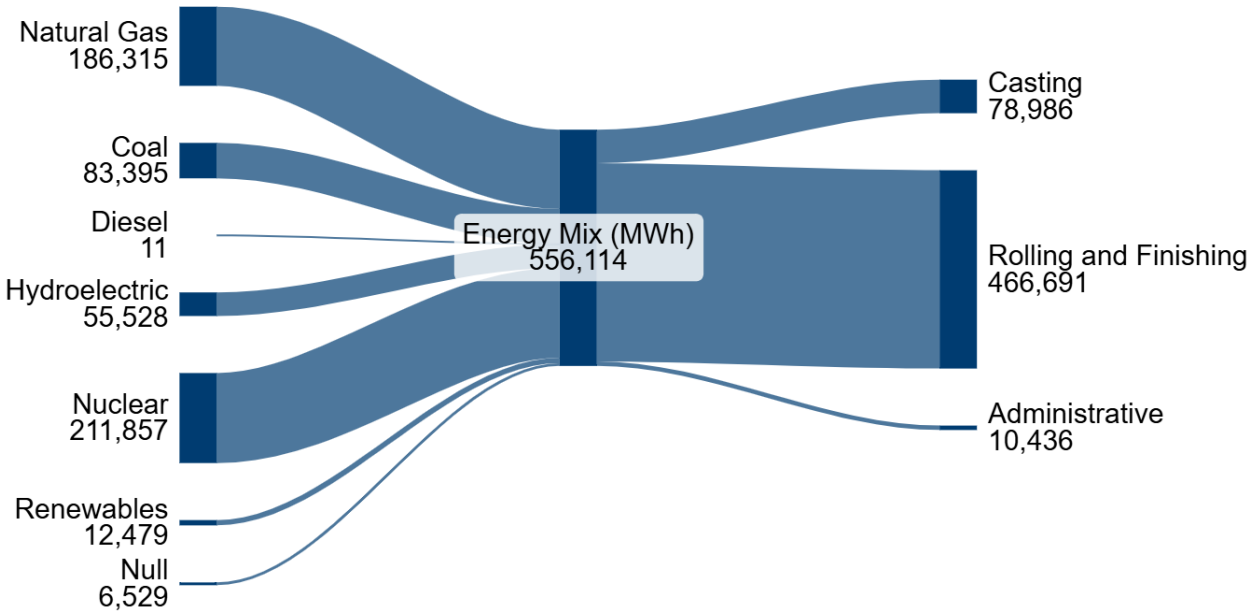
Mobile Fuel Sources

Logan has continued to investigate options to reduce our fuel consumption due to mobile equipment. The primary objective in reducing fuel use is to decrease fork truck traffic by investigating alternative transportation options (such as automation), to decrease handling and increase movement efficiency. Operation Eat the Elephant aims to eliminate mobile equipment dependency—one bite at a time. This is done through engineering solutions and strategic continuous improvement. Active projects such as implementing automated guided vehicles (AGVs) support this goal.

Logan Aluminum also acknowledges that where the elimination of mobile equipment is not possible, further alternatives should be investigated. In collaboration with MI2, Logan completed assessment into the feasibility of alternative fuels, such as hydrogen or electric powered options. Trials completed on Logan's site of hydrogen fork trucks have furthered industry knowledge of where these alternatives should be considered, as well as the considerations needed for implementation. At this stage, Logan plans to continue this investigation in tandem with the above initiatives.

Scope 2 Detail

2024 Site Electricity Flow



TVA Provided CO_2 Rate:

642.60

Lbs. CO_2/MWh

8.6% Increase

From 2023

Lower than E-GRID regional and national averages from 2023

556,113 MWh

Total Usage 2024

Logan Aluminum receives our energy mix from the Tennessee Valley Authority (TVA). TVA continues to work to lower their carbon rates, and their progress has a direct impact on our scope 2 reduction performance. TVA aims to reach net-zero carbon emissions by 2050 and supports national decarbonization goals.

In contrast to our natural gas usage, the majority of our electricity usage is consumed in the rolling process. For this reason, performance on scope 2 impacts our semi-fabrication intensity at a higher rate.

Similar to our strategies for scope 1 reduction, project teams analyze methods to decrease electricity usage where possible. These systems can be more difficult to retrofit to for increased efficiency; however, projects that work to create more efficient workflow through equipment can have an impact on our scope 2 intensity as well. Logan is constantly evaluating workflow and logistical changes which could increase our overall rolling efficiency.

In addition, Logan continues to investigate alternative powering options where possible. While their effects are not as larger, the addition of solar equipment in outdoor areas, and energy efficient fixtures are small ways that Logan continually makes progress forward.

Scope 3

Scope 3 impact encompasses all processes upstream and downstream of our production. This includes everything from the carbon associated with downstream production of purchased goods, to transportation into and out of our plant, to end-of-life treatment of any products or byproducts leaving our plant. Logan has started by prioritizing two scope 3 impacts that can be both measured at our plant level, and that have substantial impacts: transportation and aluminum input.

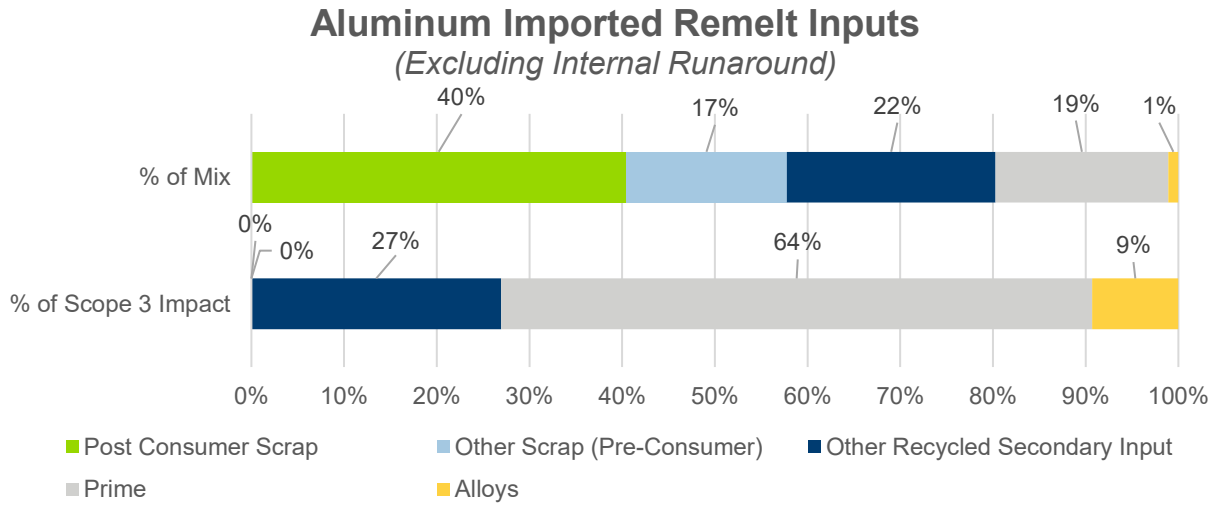
Transportation

Logan has continued initiatives to increase rail transportation through logistical changes and strategic partnerships. Logan is working towards site rail logistics that will improve our scope 3 impact by transporting materials via rail, in turn removing over the road traffic.

According to EPA methods, each ton-mile traveled on rail produces 87% less CO_2e than freight shipment. With Logan receiving truck shipments daily, from locations across the nation and internationally, the potential impacts are substantial. Shipping by rail is more efficient, cost effective, and environmentally friendly, so the transition to rail means great things are on the horizon for Logan Aluminum!

Aluminum Inputs

When looking at Logan's scope 3 impact, as well as aluminum processes across the world, one factor stands above all others: recycled versus primary aluminum content. The process of creating new aluminum (or 'prime'), is extremely carbon intensive and includes the mining of bauxite and subsequent refining and electrolysis to create aluminum. Recycled aluminum uses 95% less energy than primary aluminum production, and because of this, increased usage of recycled content in remelting processes can greatly decrease our scope 3 impact. The total impact from aluminum inputs in 2024 was 1,087,806 tons of CO_2e.



Capture Every Can

Logan Aluminum closely monitors its level of recycled aluminum content and makes efforts to increase the recycled content and decrease the need for primary aluminum.

The global demand for aluminum is ever-increasing, estimated to increase 40% by 2030 according to the IAI. Meanwhile, the aluminum recycling rates in the United States, the Southeast, and Kentucky have decreased. According to a study by Ball Corporation, KY's recycling rate is approximately 15%. In KY where the metals industries have so much influence, these rates are far too low, and Logan Aluminum, along with many partners across the state and nation, hope to reverse this trend.

Through environmental education and infrastructure support, our Logan team has led our initiatives to 'Capture Every Can' in our region. In addition to fostering partnerships to create recycling programs in local schools and events, Logan representatives can be found advocating for increased recycling infrastructure across the state.

By raising awareness and providing tools to our children, we can instill lifelong recycling habits and recover this valuable resource. Aluminum is infinitely recyclable and it's our goal to keep every can out of the landfill.

- **Laura Haury,**
  Environmental Engineer

Logan County Schools

In 2024 Logan Aluminum supported all the elementary schools in the Logan County school district by providing environmental education and establishing recycling infrastructure. Educating students on the importance of recycling is a major priority for Logan, and this was shown through our recycling team's participation in multiple outreach events, the introduction of recycling collection bins into schools, and assistance with collection logistics. In our second year establishing this program, Logan recycled an estimated 40,000 cans (or 1200 lbs) from local schools. This is only the beginning, as we implement the program in adjacent counties, and we hope to see many more cans recycled in the future!

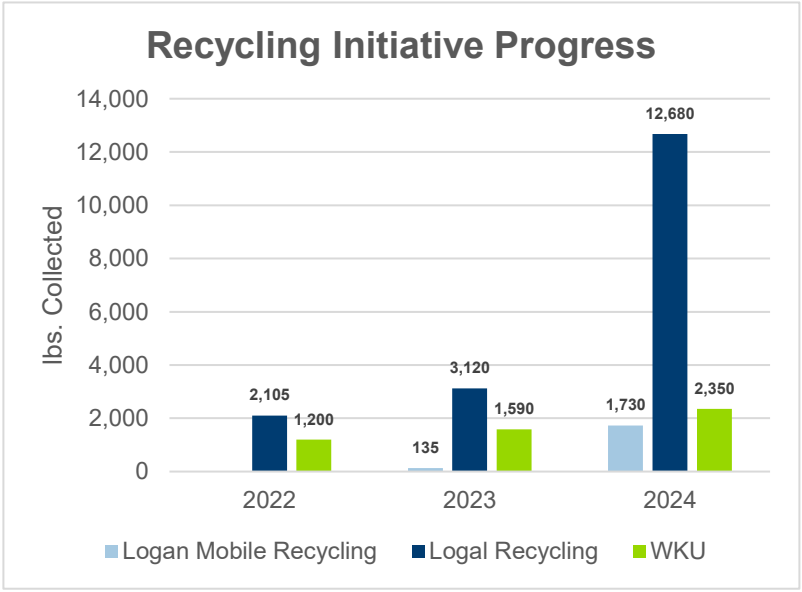
Logan Aluminum also supported Lewisburg Elementary School in their participation in the 2 Million Can Recycling Contest, hosted by the Can Manufacturers Institute and Scrap University Kids. This initiative collected 1.6 million cans in the past school year. Lewisburg Elementary's great work led them to win third in the competition with a whopping 130,000+ cans recycled!

Introducing Scrappy

2024 introduced our new mascot, Scrappy! Our energetic mascot has taken center stage in promoting Logan's recycling initiatives. Scrappy has been a hit with families and engages attendees of all ages, encouraging everyone to recycle. Scrappy represents our ongoing commitment to create a sustainable future for our community and environment by Capturing Every Can!

Western Kentucky University

Logan has also continued to support recycling at WKU events throughout the year. Through our partnership with Hope House, cans from games and events are collected and taken to our plant for recycling. This partnership has continued to grow and increase education around recycling and aluminum alternatives, such as Ball aluminum cups!



A Community Focus

Logan Aluminum aims to be a resource and cornerstone of our greater communities. In 2024, Logan employees both participated and led initiatives to get involved and support Logan County and our greater region.

Logan Aluminum welcomed guests from Active Day and over 150 students from local MSD and special education classes for our inaugural Santa Cares event.

Logan Aluminum team members participated in the Logan County 15th Annual Child Abuse Awareness Walk at Carrico Square Park!

In 2024, Logan Aluminum participated in several events at local schools. These included career fairs, STEM events, and more!

Logan Aluminum team members volunteered to read Dr. Seuss books to Pre-K students in celebration of Read Across America Day.

Logan Aluminum is proud to be the presenting sponsor of the JA Classic basketball game at WKU with all proceeds benefiting JA of South-Central Kentucky.

Logan's culture of giving and deep love for our community was evident as we proudly received the Live United award.

Earth Week 2024

Earth Week 2024 marked the first annual Shop Local Logan celebration. By shopping locally, we support sustainable business practices, reduce transportation related emissions, and boost the economy of our communities. Logan aimed to increase community support by hosting a local vendor fair. Vendors were welcomed onto our site selling everything from canned goods to handmade crafts to flowers to our employees. This initiative adjoined our normal earth week celebrations including household waste recycling collection, and employee environmental education.

In addition, 2024 marked the first year of Logan Aluminum's Taher Café entering the Shop Local Program with Kentucky Proud, furthering our commitment to support local businesses. The Shop Local Program encourages the use of Kentucky Proud products and has increased the use of locally sourced food within our café.

SHOP LOCAL