A woman in a white lab coat and safety goggles is working in a laboratory. She is looking intently at a piece of equipment. The background is a blurred laboratory setting with various pieces of equipment and a blue light cast over the scene.

Purpose Report

Fiscal Year 2020

Novelis

To Our Partners



This was a year of exceptional growth and accomplishment at Novelis. We delivered record financial results, welcomed thousands of new employees to the organization with the successful acquisition of Aleris, and celebrated our 15-year anniversary as a company.

And while this year was one of great achievement, we are now facing unprecedented challenges due to the global coronavirus pandemic. As a company, our people are our greatest strength and we will continue to put them first in order to protect their health and well-being during these demanding times. I'm proud of how our employees and partners have stepped up and supported each other at every opportunity. As we forge ahead together, we will continue to be guided by our purpose and commitment to safety so that we make the best decisions for our people, customers and communities. With that unwavering goal, I have no doubt that we will emerge from this situation even stronger and extend our 15-year legacy far into the future.

Our many successes this year were made possible by our industry-leading workforce and the ongoing support of our world-class customers and partners. Together, we continue to see tremendous opportunities in expanding the use of lightweight, infinitely recyclable aluminum to bring innovative and sustainable solutions to market and provide consumers with the environmentally friendly products they enjoy.

As a result of our outstanding operational performance, Novelis reported its fourth consecutive year of record financial results. With a strong balance sheet and an equally impressive culture, we made key investments across our business and in our people to support the beverage can, automotive and specialty value streams.

With the acquisition of Aleris, we significantly expanded Novelis' global manufacturing footprint, as well as our workforce and entered the aerospace and industrial plate market. We also further enhanced our sustainability capabilities with the addition of a high-recycled content building and construction business and expanded our complementary recycling, casting, rolling and finishing assets in Asia.

Together, with the best engineers, metallurgists, chemists and scientists in the industry, we are innovating alongside our customers to reimagine aluminum's role in their products and provide rapid, adaptive solutions for any manufacturing need.

In addition to our business success, I am equally proud of what we accomplished outside our walls. This past year marked the eighth year of Novelis Neighbor, our global giving program that invests financial and human capital in the places where we live and work. Over the past 12 months, we contributed millions of dollars to our communities and invested nearly 30,000 volunteer hours to causes close to our employees' hearts.

It is a tremendous honor to lead this company. Thank you for your partnership and helping Novelis achieve our purpose of Shaping a Sustainable World Together!

A handwritten signature in black ink, appearing to read 'S. Fisher', with a long horizontal line extending to the right.

Steve Fisher
President and Chief Executive Officer

Shaping a Sustainable World Together

Novelis' purpose of Shaping a Sustainable World Together is the timeless North Star to which we align all of our strategic business decisions. It drives us to make meaningful, positive contributions in the communities where we live and work and better serve our customers around the world. It is the reason we do what do and the core of who we are. Everywhere you look, there are countless examples of our purpose in action.

Understanding Our Purpose

Shaping

Shaping means to form, make or model. From cans to cars to planes, when Novelis shapes aluminum, we shape innovations that move us forward.

Sustainable

Sustainability is core to who we are at Novelis. It's not just about our products, but also about our business, partnerships and employees.

World Together

When we work together and build on our collective intelligence, we are capable of shaping a world that sustains us all.



Forging Ahead Together



On April 14, 2020, Novelis completed its acquisition of Aleris Corporation, a global supplier of rolled aluminum products. As a result, we are even better positioned to meet increasing customer demand for sustainable aluminum solutions.

The transaction expands our innovative product portfolio with the addition of aerospace, creates a more skilled, diverse workforce, and deepens our commitment to safety, sustainability, quality, and customer partnerships. It also advances the company's position as a global aluminum leader by growing our geographic footprint, as well as our product portfolio, to serve the most competitive and technically demanding end markets. Additionally, the acquisition enhances our ability to bring innovative products to market, expands our research and development capabilities, and delivers on our purpose of Shaping a Sustainable World Together.



~15,000
Employees



9
Countries



33
Manufacturing
Locations



North America

- Ashville, Ohio
- Atlanta, Georgia
- Berea, Kentucky
- Buckhannon, West Virginia
- Clayton, New Jersey
- Cleveland, Ohio
- Davenport, Iowa
- Fairmont, West Virginia
- Greensboro, Georgia
- Guthrie, Kentucky*
- Irving, Texas
- Kennesaw, Georgia
- Kingston, Ontario
- Lincolnshire, Illinois
- Logan, Kentucky
- Novi, Michigan
- Oswego, New York
- Richmond, Virginia
- Spokane, Washington
- Terre Haute, Indiana
- Uhrichsville, Ohio
- Warren, Ohio

South America

- Pindamonhangaba, Brazil
- São Paulo, Brazil
- Utinga, Brazil

Europe

- Aachen, Germany
- Bresso, Italy
- Crick, United Kingdom
- Göttingen, Germany
- Koblenz, Germany
- Latchford, United Kingdom
- Lüdenscheid, Germany
- Nachterstedt, Germany
- Norf, Germany
- Ohle, Germany
- Pieve, Italy
- Sierre, Switzerland
- Voerde, Germany
- Zurich, Switzerland

Asia

- Changzhou, China
- Seoul, South Korea
- Shanghai, China
- Ulsan, South Korea
- Yeongju, South Korea
- Zhenjiang, China

*Commissioning expected to begin in FY21

Record Financial and Operational Performance

Novelis' FY20 record operational and financial results can be attributed to strong customer partnerships and a culture of excellence and accountability. We are better positioned than ever for long-term, sustainable growth.

FRP Shipments:

3,273
Kilotonnes

Net Income:

\$420
Million

Adjusted EBITDA:

\$1.5
Billion

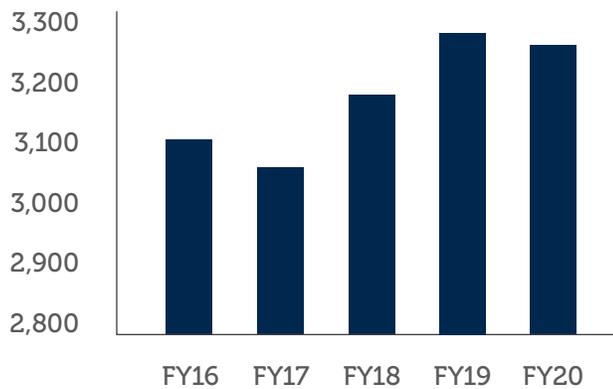
Revenues:

\$11.2
Billion

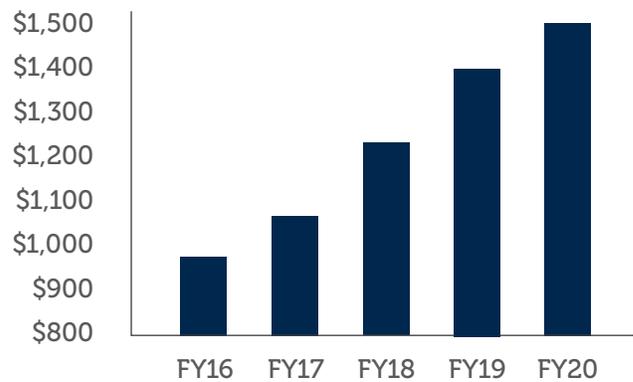
Free Cash Flow:

\$384
Million

FRP Shipments (kts)



Adjusted EBITDA (\$Millions)



Innovation Forges Our Future

At Novelis, we are driven by our purpose with a relentless goal to exceed our customers' expectations. Our employees are the force behind our forward-thinking innovation, and it is their expertise that sets us apart from our peers. As such, we remain committed to leading the industry in innovation and closely collaborating with our stakeholders to develop next-generation solutions for a more sustainable and technologically advanced future.



New Partnership Launches Innovation Hub

To sustain our innovation leadership, Novelis has partnered with the world-renowned Georgia Institute of Technology (Georgia Tech) to form the Novelis Innovation Hub. The cross-functional hub brings together Novelis' technical and business innovators with Georgia Tech's faculty and most promising students to conduct transformational research on artificial intelligence, nano-scale materials, and next-generation manufacturing and recycling systems for the digitally connected, circular economy of the future.

Sierre Achieves 10-Year Research and Development Milestone

Novelis' R&D Center in Sierre, Switzerland celebrated its 10-year anniversary with three days of celebrations, including a VIP Tech Day with Novelis colleagues, industry experts, local government officials and university professors. It also included an open house, where more than 1,000 visitors received a tour of the site's innovation and manufacturing activities, state-of-the-art research lab, smelting furnaces, and rolling mill.





Novelis Plants in Europe Achieve Aluminium Stewardship Initiative Certification

Novelis' facility in Ohle, Germany, which produces foil and packaging products, was awarded the Performance Standard and Chain of Custody Certification from the Aluminium Stewardship Initiative (ASI), a global non-profit standards setting and certification organization. In addition, our Alunorf joint venture in Germany was awarded the Performance and Chain of Custody Certifications. With these certifications and increased leadership participation in the organization, we are working with ASI to collaboratively foster responsible production, sourcing and stewardship of aluminum.



Novelis Inventors Break Innovation Records

During this fiscal year, 155 inventors submitted nearly 160 invention records, the highest number in Novelis' history. As a result, the company filed 52 new patent applications.



Year in Review

Novelis



Aerospace and Industrial Plate

Through the Aleris acquisition, Novelis is now a leading supplier of rolled aerospace aluminum plate and sheet materials for fuselage and wing structure components for standard or customized specifications.

As the aerospace industry continues replacing older planes with newer, more efficient models, aluminum serves as the material of choice because it offers a high strength-to-weight ratio, energy efficiency and high tolerance to extreme temperatures.

Among the most important aerospace aluminum plate facilities in the world, Novelis' Koblenz, Germany site is supported by a leading research and development team that partners with customers to deliver new solutions. The plant served as the blueprint for our world-class rolling mill in Zhenjiang, China, which began serving the aerospace industry in 2014.

Our facilities produce the most advanced, value-added aluminum in the industry.

Customers

AIRBUS

BOEING

BOMBARDIER

← EMBRAER

Aerospace Team Named Elite Supplier

The aerospace team was recognized as an "Elite Supplier" by Korea Aerospace Industry (KAI), a leading Tier 1 supplier to Airbus and Boeing in Asia, at its 10th Supplier Symposium. The group built a strong relationship with KAI by supplying aluminum plate and technical expertise for both Airbus and Boeing programs.



Automotive

The automotive market continues to experience rapid, transformational change, and Novelis remains a driving force in helping the industry's top automakers keep pace. Whether it is increasing fuel efficiency standards, lightweighting vehicles or advancing mobility ecosystems, Novelis develops and delivers innovative, sustainable solutions for next generation vehicles.



New Land Rover Defender Makes Global Debut

Representing more than 70 years of innovation, Land Rover's new Defender is designed for optimal durability and capability for extreme terrains. As one of the world's most iconic vehicles for adventurers, the Defender has been reinvented with an instantly recognizable silhouette that features signature elements, including short front and rear overhangs. The new model also incorporates Land Rover's most intuitive technologies to date, ensuring convenience, connectivity and visibility. Land Rover's new purpose-engineered architecture is based on a lightweight aluminum construction and each vehicle consists of 550 pounds of Novelis aluminum to create the stiffest body structure the automaker has ever produced.

Audi Partners with Novelis on New Electric Vehicle Design

Novelis was selected to serve as an integral partner on Audi's new electrification journey, which aims to have one-third of all new models electrified by 2025. As part of Audi's ambitious sustainability program, they introduced the all-electric e-tron SUV. The e-tron body is comprised of 40 percent lightweight aluminum, of which Novelis delivers premium Advanz™ product solutions for the hood, tailgate and door inners.



Novelis Grows Sustainable Partnership with Ford

After partnering with Ford on its iconic, aluminum-intensive F-series pickup, Novelis continues to supply the vehicle, which has been America's best-selling truck for 42 years. New F-Series production will continue to benefit from closed-loop recycling with Novelis, which allows Ford to recycle and reuse 90 percent of the aluminum scrap it produces.



Novelis Shines at Auto Exhibitions in Asia

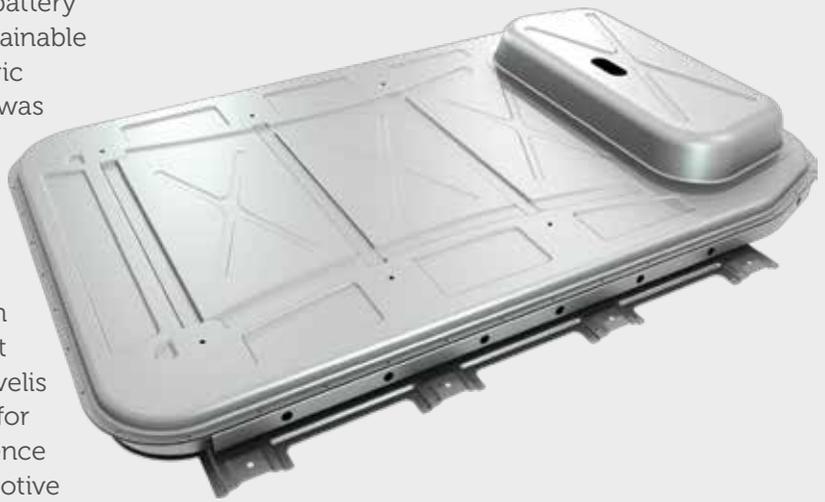
The Asia automotive team showcased its portfolio of cutting-edge aluminum parts at Auto Shanghai 2019, the world's largest auto show, and the 2019 Lightweight Asia exhibition, an event exclusively devoted to lightweight automotive solutions. At both events, Novelis showcased six types of aluminum auto parts applied in Jaguar, Audi and Faraday Future, along with the battery enclosure prototype for electric vehicle companies and battery makers.

Novelis Demonstrates Aluminum Advantage at Toyota

Novelis hosted a Technical Exhibition Day at Toyota's North America Headquarters and R&D facility near Detroit, Michigan. Novelis scientists and experts presented on topics, including alloy development, material joining, automotive aluminum recycling and more. The exhibit showcased three Body-in-White vehicles, in addition to several stamped automotive aluminum parts. Novelis supplies numerous parts to the Toyota RAV4, Camry and Avalon and the Lexus ES. Novelis was also awarded several parts contracts for the next generation Toyota Sienna minivan and Tundra truck.

Battery Enclosure Wins Multiple Awards

Novelis' first-of-its-kind electric vehicle battery enclosure earned three awards as a sustainable and innovative design solution for electric vehicles. In China, the battery enclosure was awarded the 2019 China Automobile and Parts Industry – Developing and Innovation Award. Novelis also received the 2019 Lightweighting Innovation Award from the Society of Automotive Analysts and Ducker Worldwide in North America. Lastly, the Georgia Department of Economic Development awarded Novelis the 2019 Automotive Innovation Award for demonstrating a commitment to excellence and innovation in its approach to automotive problem solving.



Novelis Launches Strongest Automotive Alloy

Novelis launched its newest automotive body sheet product, Advanz™ 6HS-s650. Featuring greater lightweighting, formability, performance and structural integrity, it is the strongest 6xxx series automotive product to date, with a 15 to 20 percent in-service strength advantage over incumbent high-strength aluminum alloys. Available globally through the Novelis Advanz™ product portfolio, 6HS-s650 can be used for applications demanding high in-service strength, such as A and B pillars, side impact door beams, roof rail inserts and electric battery enclosures.



Closing the Loop with BMW and Volvo

Novelis has partnered with BMW and Volvo to introduce new closed-loop recycling systems. In partnership with Volvo, Novelis reuses production scrap, reducing the CO2 footprint of the aluminum sheet delivered. It also ensures the production scrap remains in the value-chain and is recycled into the same high-quality products. For BMW, aluminum scrap is separated and recycled from their Dingolfing facility. Thanks to efficient sorting, BMW's production scrap can be reused to make the same high-grade products without compromising quality.

Beverage Can

Beverage cans are, and will remain, the core of Novelis' product portfolio. Working alongside our customers, we innovate to meet consumers' evolving preferences for more sustainable packaging, as well as new shapes and sizes. With an unmatched commitment to sustainability, Novelis is the leading global buyer and recycler of used beverage cans, recycling more than 74 billion cans this year. Aluminum is infinitely recyclable, making it the best and most sustainable packaging of choice for consumers, customers and our business.



Novelis Qualifies Material for Can Business in Europe

Novelis' Nachterstedt, Germany facility successfully qualified its primary material for can end use by Ball Corporation, Corporation, one of Novelis' key customers. New finishes, process adaptations for improved flatness, and collaboration with press and tool manufacturers led to the application breakthrough. The qualification serves as a decisive step in making optimal use of our systems' capacities and further growing our European can business.



Novelis Initiates Can Crush Campaign in Asia

To improve closed loop recycling of aluminum beverage cans, Novelis' Asia team initiated a two-month Can Crush Campaign in partnership with Seoul Facilities Corporations. Raising awareness of the benefits of can recycling, nearly 2,000 citizens participated in the campaign. In addition, 88 news articles were published, and more than 100,000 social media engagements were attributed to the groundbreaking initiative. As a result, Novelis made a donation of 30 million Korean Won (KRW) to Cclim, a social enterprise to develop safe carts for recycling collectors. The program earned a Bronze Award in the environmental category at PR Week's awards ceremony.

Specialties

Novelis aluminum is a catalyst for innovation and provides solutions to enhance design, efficiency and sustainability for a wide range of specialized industries. Novelis and its customers create striking, more sustainable building designs, protective and environmentally responsible packaging, bold and bright signage and printing, lighter commercial vehicles, and much more. All of our innovative, eye-catching aluminum applications help shape how we live, work and play.





Novelis Earns PACCAR Quality Award

As a supplier to the Dutch truck manufacturer, DAF (a Division of PACCAR), Novelis achieved an impressive quality standard of 10 parts per million rejections, which helped earn PACCAR's prestigious Quality Award. The global truck manufacturer produced 189,000 trucks across five continents in 2018. The 1.5 and 2.5mm thick, uncoated aluminum sheets, which cover truck tanks and pipes behind the front wheel, were produced at Novelis' Nachterstedt, Germany facility.

Pella Achieves Savings with Aluminum in North America

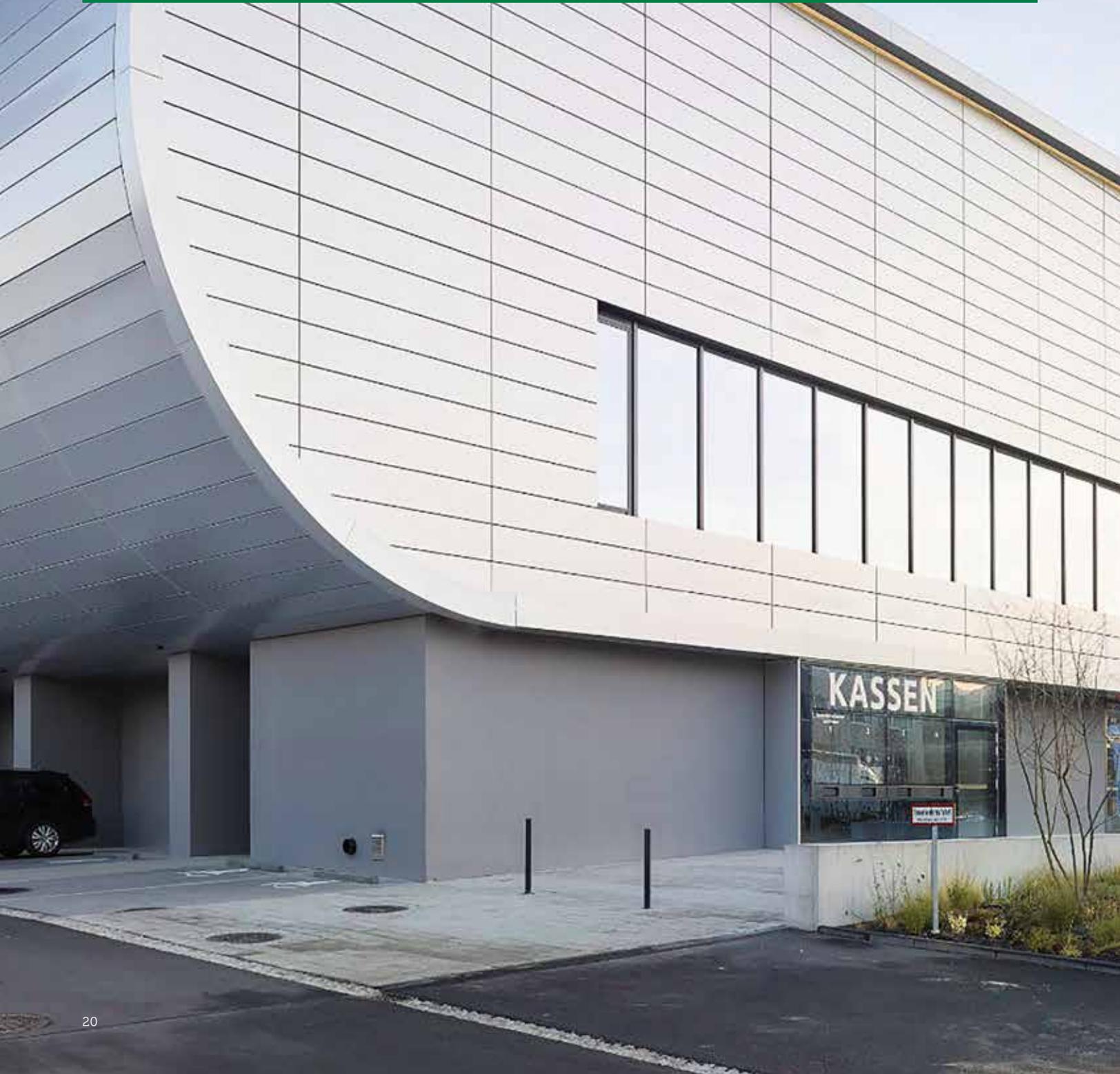
The specialties team was recognized by Pella Windows and Doors with its May Drive Partner award for achieved savings. Novelis supplies various painted trim coil aluminum products to Pella, primarily from our Davenport, Iowa facility.

Zhenjiang Honored as Leading Supplier

The Zhenjiang facility was recognized as the Aluminum Supplier of the Year by thyssenkrupp Materials NA, Copper and Brass Sales Division. The award was based on thyssenkrupp's Supply Chain Partner Evaluation Process, which scores suppliers on several performance indicators, including quality, delivery, responsiveness and market support. Novelis' performance included a quality rejection rate of zero percent and an on-time delivery performance of 92 percent.

Pre-Painted Aluminum Makes BallsportARENA Shine

The recently built BallsportARENA in Dresden, Germany is a multi-purpose sports hall that is comprised of Novelis ff2® pre-painted aluminum. With a capacity of 3,000 spectators, the arena further enhances the city's range of facilities by providing space for sporting competitions, concerts, cultural events and trade fairs. The use of our pre-painted aluminum makes the building visible from great distances, and it forms a new, striking entrance to Dresden's Ostra sport park.





Samsung's New Laptop Features Novelis Aluminum

Samsung Electronics' new 2-in-1 laptop, the Galaxy Book Flex, offers an ultra-portable computing experience to consumers with on-the-go lifestyles. Behind the slim and innovative design of Samsung's newest edition lies Novelis' SQe70 alloy. When bringing to life the transformation of a laptop into a tablet, Samsung needed a material that was lightweight, visually attractive and durable. This was the perfect opportunity for our high-strength, anodizing quality aluminum alloy, which is specifically suited for high-end consumer electronics. Working in close collaboration with Samsung, Novelis successfully developed products that addressed flatness and gauge thinness needs. With Novelis' aluminum, the SQe70 shines in the upper and bottom case of the Galaxy Book Flex's royal blue finish.

Creating a Sustainable Future

Sustainability is at the core of Novelis' business – from how we operate to how we partner with stakeholders across the aluminum value chain. Looking toward the future, we remain dedicated to identifying global business opportunities, including capital investments, product innovations and more, that advance our sustainability goals and those of our customers.



Greensboro Announces Recycling Expansion

Novelis announced it is investing \$36 million to expand its North America recycling capacity in Greensboro, Georgia. The investment enables the company to serve our automotive customer base and expand closed-loop recycling capabilities across our North American footprint. It also includes state-of-the-art equipment for aluminum scrap shredding, a new baghouse for enhanced dust mitigation and improved truck traffic design.



Novelis and Ball Launch All-Aluminum, Recyclable Cup

Novelis partnered with longtime customer, Ball Corporation, and Atlanta's Mercedes-Benz Stadium to introduce an all-aluminum, infinitely recyclable beverage cup to eventually replace plastic cups at the venue. Proudly made with Novelis aluminum, the cup is durable, cool to the touch and can be customized with logos and graphics.

Novelis Receives Global Standard Management Award

For the second time, Novelis received the Global Standard Management Award from Korea Management Registry, Inc. The Global Standard Management Awards are among the most prestigious, given to corporations and organizations that satisfy global customers with quality products and services. Novelis was recognized for creating a closed-loop aluminum recycling system and for annually publishing sustainability reports that track and control recycled contents, greenhouse gas emissions, waste-to-landfill, water usage, energy intensity, and more. In addition, Novelis was recognized for seeking partnerships with customers, suppliers and local communities who are dedicated to reaching their own sustainability targets.



Aluminum Wins Big at the Kentucky Derby

At the historic Churchill Downs in Louisville, the Kentucky Derby is the most attended horse race in the U.S. with approximately 160,000 spectators. As the proud recycling partner of the Kentucky Derby and Kentucky Oaks events, Novelis supplied 75 recycling bins to racegoers in the infield, along with containers in the stands to recycle nearly 370,000 aluminum cans. Volunteers from our Berea and Guthrie plants – both in Kentucky – were on-hand to educate attendees about the sustainable benefits of aluminum and demonstrate our commitment to the state. The aluminum collected was then recycled at our Berea facility, with the value of the aluminum being donated to fund a Habitat for Humanity home in Kentucky.





Our People Lead the Way

Novelis' industry leadership is a direct result of the tireless dedication and hard work of our employees, which drives our innovation and performance. We are committed to providing our employees with the opportunities and support they need to further grow their talents and to maintaining a diverse and inclusive team of professionals who represent our growing global presence.

Novelis Recognized for Transformational Company Culture



2020 OPEX Award

Novelis took top honors in Transforming Organizational Culture during the annual Global OPEX Awards. Known as the number one event for global business transformation and operational excellence leaders, Novelis was recognized for its ability to create a goal-driven culture of accountability resulting in a 22 percent increase in quality and customer satisfaction and a 300 percent increase in Return on Capital Employed.



HR Excellence Award

Novelis proudly earned the award for "Leading Transformational Change/Culture" at the Atlanta Business Chronicle HR Excellence Awards. Novelis was recognized for its cultural beliefs, tools, workshops, culture champions, employees and leadership, who all rallied together to drive our culture that has been achieving record results.



Novelis Named Best Place to Work

For the second year in a row, the Kentucky Chamber of Commerce, the Kentucky Society for Human Resource Management and Best Companies Group named Novelis one of the 2020 Best Places to Work in Kentucky in the large-sized employer category.



Changing Misconceptions of Manufacturing

In partnership with The Manufacturing Institute, the education and workforce partner of the National Association of Manufacturers, Novelis joined more than 1,600 manufacturers across the U.S. to address the employment skills gap and show the reality of modern manufacturing by opening our doors to celebrate Manufacturing Day in Georgia, Kentucky and New York. Novelis showcased jobs in aluminum manufacturing and shared information about educational opportunities, including the P-Tech Program, which provides relevant, real-world learning experiences in advanced manufacturing to high school and early college students.

Celebrating Our Workforce



Fellowship Track Program Visits NASA

In celebration of the 50th anniversary of astronauts landing on the moon, members of the Fellowship Track Program, an initiative that recognizes Novelis' most accomplished and distinguished engineers, scientists and technologists, experienced five days of inspiration and innovation at NASA's Space Center Houston and Johnson Space Center. During this once-in-a lifetime experience, participants learned about the innovation, speed and teamwork that is synonymous with NASA.



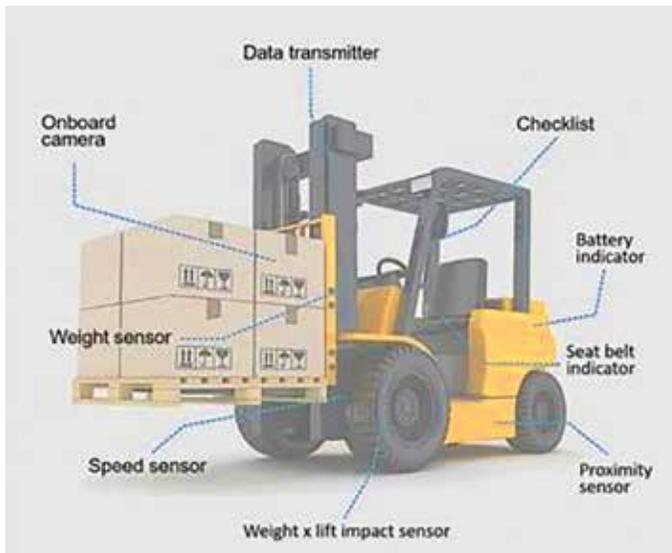
Uhrichsville Supports National Engineer Week

Engineers at the Newport Rolling Mill in Uhrichsville, Ohio participated in a weeklong event with students from Kent State University in Ohio. National Engineers Week calls attention to contributions engineers make to society and emphasizes the importance of STEM education. The facility also hosted a group of local high school students where they received a better understanding of what is required to be an engineer.

Safety



Everything we do at Novelis begins and ends with safety. Our industry-leading Novelis Safety System provides a comprehensive, systemic approach to help ensure the health and well-being of our employees worldwide. Novelis team members are charged with looking out for not only their own safety, but that of their colleagues.



Pinda Takes Innovative Approach to Forklift Truck Safety

Novelis' Pindamonhangaba (Pinda) facility launched a unique combination of virtual reality training and electronic safety tracking to improve forklift truck safety performance and reduce serious injury or fatality (SIF). Virtual reality training combines a functioning forklift truck, actual shop floor scenarios and an onsite supervisor. For new operators, this mandatory program creates a safe practice environment before progressing to the shop floor. The site also installed safety-tracking devices on all forklift trucks to accurately collect and analyze forklift truck activity, including speed, weight lifted and more. With access to this important data stream, team members can measure safety compliance and trends, identify areas for improvement, and spotlight specific employees for exemplary safety practices.



Drawing Attention to Safety

At Novelis' Koblenz site, every employee walks over a bridge when going from the administration building to the plant. To reinforce its focus on safety, the facility transformed the bridge into a "Safety Tunnel." The newly designed tunnel includes safety-themed wall signage, carpets and displays to keep this important part of their job top of mind.



Novelis Celebrates Safety Week in South America

Across South America, Novelis employees, contractors, family members and communities came together to reaffirm their commitment to safety and the Safety Absolutes. This weeklong effort included more than 50 activities ranging from site tours, equipment simulators and virtual reality to eye-opening testimonials from employees on how to help avoid and prevent dangerous incidents.



Terre Haute Adds Real-Time Production Tracking on Shop Floor

At our Terre Haute plant in Indiana, employees are using a new performance control system, eBox, which displays each machine center's real-time production metrics from three data sources in a centralized location. The new system displays coil run times and losses on a screen accessible throughout the plant and on mobile devices. eBox helps increase recovery times and reduce unplanned downtime by improving communication between maintenance technicians and operators. It also helps facilitate effective transition meetings by offering shift-level visibility into key performance indicators.



Strengthening Partner Safety

Novelis is not only committed to strengthening the safety of its employees, but also its partners. Novelis hosted a 55x Logistics Safety Forum to improve the safety culture for the Ford closed-loop recycling network. Nine organizations participated in benchmark safety activities, including Ford, Penske, thyssenkrupp, Diez Group, Ferrous, Long Haul Trucking, Precision Strip, Page and TMC. The forum focused on the benefits of working together and developing best practices to elevate safety performance. Presenters highlighted the importance of making a personal connection to safety and sharing these stories to drive action and best practices.

Uniting Globally, Impacting Locally

Novelis is committed to positively impacting the communities in which we live and work. This is achieved through Novelis Neighbor, our global program for investing financial resources and time in our communities. To drive measurable results, the company focuses on three pillars that align to our purpose of Shaping a Sustainable World Together. With purpose driving our business decisions and beliefs, in FY20, Novelis supported more than 420 projects, donated approximately \$4.1 million to communities and volunteered nearly 30,000 hours to causes close to employees' hearts.



Shaping

Inspiring the next generation of leaders through innovative, education-based partnerships that emphasize STEM and innovation.

Sustainable

Supporting programs and volunteer efforts that promote recycling and recycling education.

Together

Meeting the unique needs of the local communities in which our employees live and work.

Supporting Communities During COVID-19 Pandemic

Aligned with our purpose of Shaping a Sustainable World Together, and Aditya Birla Group's commitment to keeping its employees and communities healthy and safe, Novelis committed to helping local organizations with targeted charitable contributions to slow the spread of COVID-19 and provide aid to those adversely impacted. Novelis not only provided financial support and in-kind donations to local hospitals, food banks, community health organizations and school systems around the world, but our facilities also donated PPE, including masks, gloves, face shields, eyewear and sanitizing solutions.



Novelis and Elfer Partner to Develop Ventilator Cradles

With the safety of its community in mind, Novelis South America partnered with household appliance company, Elfer, on the fabrication of aluminum ventilator cradles to equip new intensive care units (ICUs) at Hospital São Paulo. The cart design, which was developed by Elfer and produced using Novelis' 3104 alloy, provided the hospital with an additional 74 ventilators for their ICUs.



A team of Oswego, New York employees worked with the Children's Museum of Oswego to design an interactive exhibit that explains Novellis' recycling process and the importance of recycling. Children and adults appear to temporarily transform into aluminum, as they walk through a green pedestrian pathway and follow the journey of recycled aluminum – from remelt to rolling to finishing.

More than 180 students participated in a Novellis-sponsored robotics competition in Göttingen, Germany. At the event, students demonstrated creativity and problem-solving skills by designing and building their own robots. Novellis also hosted a full-day workshop exclusively for elementary school girls, where they were introduced to the exciting field of robotics and programming.



The STEM Mentoring Program in Kennesaw, Georgia positively impacts high school students by showing them what STEM-focused careers could involve. The program also allows students to develop a meaningful relationship with someone in the industry to help build their professional network. This year-long commitment consists of four luncheons and one mentor shadowing visit where students experience what an average day involves. The luncheons include icebreakers, one-on-one sessions, guided facility tours, personality assessments, career path guidance and more. In the program's three years, 40 mentors have impacted more than 50 high school students.





Colleagues from Atlanta and Kennesaw, Georgia and Novi, Michigan joined 80,000 attendees at the FIRST Robotics Championships. The team hosted a booth at the FIRST Innovation Faire and provided technical presentations about the benefits of aluminum automotive applications and how FIRST teams are applying Novelis design concepts to make faster, stronger robots. Annually, Novelis financially supports more than 45 FIRST teams worldwide and is the in-kind donor of aluminum for the FIRST Robotics Competition (FRC) Kit of Parts, which equips more than 2,500 teams with materials to successfully build their robots.

The Zhenjiang, China facility held its fourth Healthy Walk series where more than 90 employees participated to increase environmental awareness. The event consisted of an online Q&A and walk to raise interest in environmental conservation.

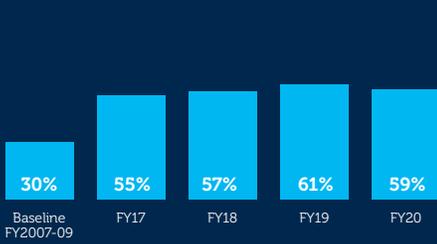


In partnership with FIRST Robotics Korea, Novelis held the first "Robot and Coding Workshop" in Yeongju to increase local students' interest in science and technology. During the workshop, 80 schoolkids participated in hands-on activities using robotics and coding, with guidance and assistance from FIRST leaders and Novelis volunteers.

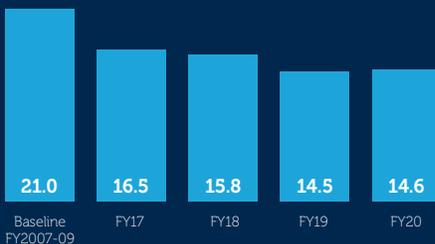
Sustainability Trends

In our continued efforts to protect and preserve the environment, Novelis has made significant progress toward increasing the use of recycled aluminum and minimizing the use of natural resources. Recycling aluminum produces 95 percent fewer greenhouse gas (GHG) emissions and requires 95 percent less energy than primary aluminum production, enabling Novelis to minimize GHG emissions despite increasing global production capacity. During the past year, Novelis achieved an average of 59 percent recycled aluminum inputs, well above the baseline averages of fiscal years 2007-2009. The company also decreased landfill intensity by four percent when compared to FY19, primarily due to our Korean and South American operations improving their recycling and waste reduction efforts. While our water and energy intensity metrics did increase this year, the seven percent increase in water intensity can be attributed to infrastructure issues, which have since been resolved, and our energy intensity increase of one percent is being addressed through a number of new initiatives across our plants and regions to help improve energy savings.

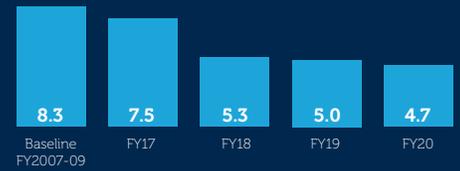
Due to the recent acquisition of Aleris, we are working diligently to assess and align the companies' existing sustainability metrics and identify new targets for the combined company moving forward. We look forward to sharing these new metrics and targets in the coming months.



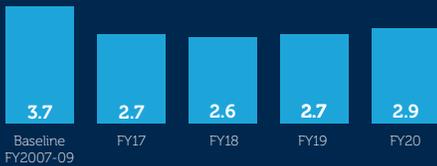
Recycled Content
percent



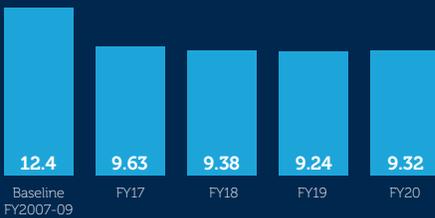
GHG Emissions
million metric tons CO₂e



Waste to Landfill
kilogram/metric ton



Water Usage
m³/mt FRP Sales



Energy Intensity
GJ/mt FRP Sales

Community
100% of global operations are actively executing local community service initiatives.

Global Novelis Charitable Spend

- Company + Employee Donations **\$4,067,830.17**
- Total Company Only Contributions **\$3,778,338.99**
- Total Employee Donations **\$289,491.18**
- Total Number of Projects Funded in FY20 **421**

Code of Conduct
Employees and suppliers are holding each other accountable to achieve compliance.

Employees
By redefining our process for employee feedback, we are working toward 100% of eligible employees receiving annual performance feedback.

Key
Kg = kilogram m³ = cubic meters
Mio. = million GJ = gigajoules
t = metric tons GHG = greenhouse gas
FRP = flat rolled products
CO₂e = carbon dioxide emissions

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