



Sustainability Report

2019





Message from CEO



At ATI, we live our values every day: Integrity, Safety & Sustainability, Accountability, Teamwork and Respect and Innovation. We are committed to doing the right thing on behalf of employees, customers and neighbors.

Our commitment to Safety & Sustainability is especially clear in our sustainable operations. We strive to achieve a Zero Injury Culture. Advancing this belief means we proactively mitigate risks of all kinds to ensure the safety of our people, our products and materials, and the environment in the communities where we operate. This report details the progress we're making toward our goals of ensuring our manufacturing facilities are ISO 14001 and 45001 certified by 2022 and reducing energy intensity, CO₂/GHG emissions and freshwater intake by 5% while increasing recycled materials used in production to 80% by 2025.

The COVID-19 pandemic has introduced risks that were unexpected, yet our values helped us to quickly map a path allowing us to deliver as an essential business while keeping our people and their families safe and mitigating spread of the disease. We will provide more details on our response to the virus in our 2020 Sustainability Report.

Throughout 2019, collaboration and innovation across our company and the relentless dedication of our team helped to make ATI and the communities in which we operate a better place. I am proud of the work we've done to this point and look forward to discovering new ways to help solve the world's challenges through materials science in the future.



Robert S. Wetherbee

*President and
Chief Executive Officer*



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Our Vision: Building the World's Best Specialty Materials and Components Company™

ATI is a \$4 billion global manufacturer solving the world's most difficult challenges through materials science; advanced, integrated process technologies, and relentlessly innovative people. We serve customers whose demanding applications need to fly higher, burn hotter, dig deeper, stand stronger, and last longer—anywhere on, above, or below the earth. We partner to create new specialty materials in forms that deliver ultimate performance and long-term value in applications like jet engine forgings and 3D-printed aerospace components. We produce powders for forging and additive manufacturing; rolled materials, and finished components. Our specialty materials withstand extremes of temperature, stress and corrosion to improve and protect human lives every day.

Learn more at [ATIMetals.com](https://www.ATIMetals.com).

Our Core Values



Integrity



Safety & Sustainability



Accountability



Teamwork & Respect



Innovation



Sustainability Policy and Innovation



Allegheny Technologies Incorporated recognizes the need to minimize environmental impacts through the measured and efficient use of natural resources. We also understand the importance of mitigating our own impact and supporting the communities in which we operate.

We take an active role in discovering and implementing means to protect and enhance our environment and our communities—it is this strategy that enables sustainability at ATI. Our commitment to sustainability is further reflected in our: Principles of Corporate Responsibility, Corporate Guidelines for Business Conduct and Ethics, and Code of Sustainability. [Click here.](#)

ATI has commenced a review and evaluation of the applicable industry standards adopted by the Sustainability Accounting Standards Board (SASB). We continue to analyze our ability to gather and disclose the information contained in the SASB sustainability topics, many of which are addressed in this report and other public filings.

We are Committed to:

- Conducting business in accordance with applicable laws, regulations, permits and ATI's Corporate Guidelines for Business Conduct and Ethics;
- Respecting the rights of people affected by our activities and fostering a respectful dialogue with them;
- Supporting local communities and contributing to their sustainability through measures such as locally sourcing goods and services and employing local people;
- Establishing non-discriminatory conduct in the workplace, hiring practices, and career advancements. Ensuring that hiring, advancements and promotions are unbiased and based on merit and ability;
- Continually improving safety, health and environmental policies, management systems, and controls so they are fully integrated into company activities;
- Promoting a culture of safety and continually reinforcing company-wide safety efforts and maintaining programs that effectively address workplace hazards and monitor and protect employee health and safety;
- Conducting operations in a sound environmental manner and seeking to continually improve performance;
- Promoting the efficient use of energy and material resources in all aspects of our business; and
- Practicing product stewardship and promoting research to enhance the benefits of our products to society.

We ensure that all ATI employees are involved in the enhancement of health and safety initiatives.



Goals/Performance at a Glance

Sustainability Goals (Base Year 2018)

In 2017 we established and published goals relating to various aspects of our operations. We refined and updated the goals in 2018. Most of our goals relate to the impact on the environment.

PERFORMANCE TARGETS*

2022	2025	2030
Include all manufacturing facilities in metrics	↓ Reduce Energy Intensity 5%	↓ Reduce Energy Intensity 7%
All manufacturing facilities ISO 14001 and 45001 certified	↓ Reduce CO ₂ e/GHG emissions 5%	↓ Reduce CO ₂ e/GHG emissions 7%
	↓ Reduce freshwater intake 5%	↓ Reduce freshwater intake 8%
	↑ Increase recycled materials used in production to 80%	↑ Increase recycled materials used in production to 83%

*When using 2018 as baseline year.

EMISSIONS, WATER, AND RECYCLED MATERIALS

Metric	Units	2018 Performance*	2019 Performance	2018 Intensity unit/ton of production	2019 Intensity unit/ton of production
Energy Consumed	Gigajoules	10,318,477	10,630,491	3.02	3.06
CO ₂ e Emissions	Tons of CO ₂ e	877,390	553,294	0.26	0.16
Freshwater Intake	Kilo-gallons	3,831,532	3,314,029	1.12	0.90
Material Recycled	Tons Recycled	60,865	185,889	0.004%	0.01%

*Baseline year is 2018. Reported data is for the seven largest operating sites.



Environmental



Policy

At ATI, safety, health, and environmental compliance are the pre-requisites to all operations. We are committed to providing a safe workplace and our goal is to finish each day incident- and injury-free. We are also committed to maintaining and operating our businesses in full compliance with all applicable environmental laws, regulations, and rules.

Risks

We are subject to various domestic and international environmental laws and regulations that govern the discharge of pollutants and disposal of wastes, and which may require that we investigate and remediate the effects of the release or disposal of materials at sites associated with past and present operations. We could incur substantial cleanup costs, fines and civil or criminal sanctions, third-party property damage or personal injury claims as a result of violations or liabilities under these laws or noncompliance with environmental permits required at our facilities. We are currently involved in the investigation and remediation of a number of our current and former sites as well as third-party sites. We also could be subject to future laws and regulations that govern greenhouse gas emissions and various matters related to climate change and other air emissions, which could increase our operating costs. See [Annual Report F-12](#). We have no active or closed tailing ponds.

Compliance

We consider environmental compliance to be an integral part of our operations. All of our operations have a comprehensive environmental management and reporting program that focuses on compliance with applicable federal, state, regional and local environmental laws and regulations. Each system includes mechanisms for regularly evaluating environmental compliance and managing changes in business operations while assessing potential environmental impact. [Annual Report F-8](#) ATI had no significant issues with compliance in 2019.

ISO

Our goal is for every manufacturing location to achieve an ISO 14001 certified EMS by the end of 2022. At the end of 2019, 52% of ATI Operations achieved ISO 14001 certification and the remaining facilities had commenced the certification process.

Water

Our facilities are generally located in areas where water stress is not an issue. Nevertheless, we are focused on reducing use of fresh water in our operations. Most water is used for non-contact cooling. We have a team that focuses on water use and conservation efforts. In 2019 a water conservation project was completed at our Richburg, SC facility that resulted in reduced water use.



Environmental

Richburg, SC added a water treatment unit along with some re-piping of process waters to allow water reuse prior to discharge, resulting in:

- Saved 2.7 million gallons of purchased water by processing water through a proprietary system.
- Recycled another 0.9 million gallons through various processes.
- Total 3.6 million gallons reduction from prior use.

Air Emissions, Waste and Toxicity

Many of our facilities measure and report air emissions of the following parameters. Of those facilities that report, the following is an aggregate of emissions in 2019:

Parameter	2019-tons per year
CO (carbon monoxide)	1105.53
NOx (nitrous oxides excluding nitrous dioxide)	605.15
SOx (sulfur oxide)	39.76
Particulate Matter	110.44
MnO (manganese)	Not collected
Pb (lead)	Not collected
VOCs (volatile organic compounds)	247.38
PAHs (polycyclic aromatic hydrocarbons)	Not collected

Waste Management

We have begun to collect the data on waste across our enterprise. After we are able to gather reliable information from our facilities on the total amount of waste generated, percentage hazardous, and total percentage recycled, we will incorporate the information into our report.

In areas that provide access to adequate recycling, we manage and recycle business waste including office paper and cardboard.

Projects, Energy/GHG Reduction Progress, and Supplier Partnerships

During 2019, ATI divested over 3,000 acres of its oil and gas holdings in New Mexico, including ownership interests and leasehold interests.

In 2019, our corporate office eliminated single use bottled water, plastic straws and Styrofoam cups for its employees.

In 2019, ATI renewed its participation in the BlueGreen Alliance (BGA) Corporate Advisory Council. BGA unites America's largest labor unions and its most influential environmental organizations to solve today's environmental challenges in ways that create and maintain quality jobs and build a stronger, fairer economy. The BGA Corporate Advisory Council is a diverse corporate coalition aimed at promoting sustainability and environmental solutions that put Americans to work in good jobs.

0

Significant spills*

0

Tailing waste ponds
and underground
injection of waste

*For the year 2019



Environmental

Detail on Goals

Our goals were established initially in 2017 using 2017 as the baseline year. In 2018 we reset the baseline year as 2018 due to data irregularities. Our goals did not change at that time.

Energy Intensity

2019 Energy Intensity (GJ/Ton Produced)	2018 Energy Intensity (GJ/Ton Produced)	Energy Intensity % Change (2018 to 2019)
3.06	3.02	1%

We have several strategic plans for reducing energy intensity:

- Conduct energy audits
- Invest in new technology
- Install energy efficient lighting
- Replace and/or optimize air compressors
- Maximize production capabilities and schedules to reduce waste

Greenhouse Gas Emissions (GHG)

- Gross global Scope 1 emissions, percentage covered under emissions-limiting regulations.
- None of our domestic facilities operate under emissions-limiting regulations.
- Our short-term strategy to manage Scope 1 emissions involves installing low emission

sources in new equipment installations, enhancing emission capture where feasible and maximizing the efficiency of our production and operations.

- Our strategy for managing and reducing Scope 2 emissions consists of energy auditing, evaluating options for installing LED lighting and other energy reduction strategies. Developing overall emissions reduction targets and analyzing performance against those targets assists in achieving desired reductions
- To reduce the GHG emissions from the energy purchased for our production we have contracted for electricity from non-fossil fuel sources and continue to look for ways to reduce carbon emissions from production.
- Longer term we continue to evaluate options for installing or purchasing power from renewable sources, including solar and wind and increased focus on adding emission reducing equipment as we upgrade or replace in our facilities. A graphic depiction follows:

Energy Type	2019 GJ	%
Grid Electricity	1,742,619.93	16%
Nuclear Electricity	1,760,262.79	17%
Natural Gas	7,045,371.17	66%
Fuels	82,236.10	1%
Total	10,630,490.97	100%

Total Electricity as a % of Total Energy: 33%

Nuclear Electricity as a % of Total Electricity: 50%

The carbon emissions totals account for reduced electricity-related emissions from supply contracts associated with nuclear power plants. Electricity emissions at these sites uses a location-based methodology (local grid emissions factors) and a market-based methodology (accounting for the contract specifying nuclear generated electricity supply).

Water

(1) Total fresh water withdrawn, 2,314,029 K gal

- Recycled water 5,273,544 K gal
- Percentage in regions with High or Extremely High Baseline Water Stress 0%
- Our fresh water consumption is targeted for reduction through projects to reduce consumption, including reusing water and fixing water leaks/ replacing valves to reduce water usage.

Recycled Materials

The principal raw materials we use in the production of our specialty materials is scrap. We have an interest in recycling the scrap we generate in our production and endeavor to recover as much material as we can and return it to our processes. Approximately 77% of the feedstock used in production is scrap. We consistently evaluate opportunities to recycle scrap generated in our production back into our processes or to provide scrap materials to customers to use in their processes and products or to take scrap back from customers.

Social

Community Involvement

Headquarters

ATI HQ employees donated **128 pounds** of basic necessities and non-perishable items, and funding for approximately **4,000 meals** to the Greater Pittsburgh Community Food Bank.

ATI HQ had two Pittsburgh Marathon Relay Teams running to support Our Clubhouse. Our Clubhouse is an organization that provides support for anyone living with cancer along with their family and friends.



Our Business Units

More than 230 ATI Specialty Alloys and Components employees, their families, friends and local community members joined together to assemble **900+ book bags** and package over **80,000 meals** for kids in need in and around Linn County, OR. Each book bag contained three new books for K–3 students to take home. Meals were distributed through four different “meals for home” programs in Linn County schools.

ATI Specialty Rolled Products participated in the annual United Way Day of Caring event with several hundred employees from numerous locations taking part. Activities included painting a community asset, cleaning up a Girl Scout camp and work at an elementary school.

ATI Specialty Materials was honored to receive the United Way of Central Carolinas 2019 **“Spirit of North Carolina Award”** and **“Excellence in Community Spirit Award”**. These awards were in recognition for both demonstrated campaign excellence, and the dedication and commitment of employees in supporting the needs of the communities in which they live and work. During 2019:

- Employees demonstrated what they CAN do when they came together for their 2019 Summer Food Drive. The food drive was a massive success, collecting the equivalent of **210,483 pounds** of food that supported local county food pantries and shelters providing **175,402 meals**.



- Nearly 100 employees and family members volunteered their time during the United Way’s Day of Caring events, lending a helping hand to the elderly, disabled and non-profit agencies.
- Employees took an opportunity to honor our armed services veterans through a “Veterans Appreciation” event, creating and sending 420 “Thank You” notes to VA hospitals and Offices of Veterans Services.

Human Capital

We believe that world-class leadership and fostering a culture that enables us to build and grow a talented team through career development and opportunities is foundational to our vision. We recognize that attracting, retaining and developing members of our workforce is key to the sustainability of our business. As our economy and our business grow, so do both demand for qualified candidates and the retirement rate for older workers; hence we are always competing for talent in an environment of increasingly challenged supply. To that end, we have developed—and continue to enhance and refine—a robust and comprehensive talent management program that spans from recruitment and selection to performance management, career development and retention of our top talent and, ultimately, to succession planning across our organization.

We utilize objective processes, benchmarking and other metrics in addition to external leadership evaluations. We continuously strive to cultivate and support a highly engaged and productive workforce.

Social

Talent Acquisition

ATI partners closely with a targeted number of high schools, trade schools, colleges and universities to identify materials science, STEM expertise and other relevant talent. We also engage professional recruiting firms to enhance our recruiting efforts for key positions. Using pre-employment assessment tools, we can identify candidates most suited to our culture and opportunities.

Learn more at www.ATIMetals.com/proxy

Professional Development

ATI continued to offer and expand opportunities for professional development to its employees around the globe. Programs such as:

- **Global Leadership Development Program (GLDP).** The GLDP is designed to build skills across each level of leadership. Programs range from our “Front Line Leadership Academy” designed for supervisors, to programs for our most senior executive leaders and other members of our team.
- **Business Acumen Series.** This is a focused leadership education program to develop skills in key areas, such as finance. Understanding financial business acumen is expected to improve decision making critical to the sustainable success of our business.
- **Early Career Leadership Development Program.** Our selective Early Career Leadership Program is for high-potential and motivated college graduates. The five-year program prepares future leaders and

accelerates participants’ professional development. Participants rotate through a variety of business-critical assignments and development opportunities.

- **Insights Discovery Program.** This program, which we incorporate as an element of our other professional development programs, is designed to support employees in exploring and developing targeted competencies such as self-awareness, communication, conflict management, giving and receiving feedback, influencing others, and other skills.

Engagement and Performance Management

- **Senior Leader Communication and Transparency.** Regular engagement and communication by our CEO and other senior executive leaders with our broader employee population facilitates transparency and understanding. One example is the quarterly CEO Review following our quarterly earnings release and is accessible to hundreds of employees across the Company. Communication meetings may also involve financial education and enterprise-level education on topics such as global commercial and other growth initiatives, cybersecurity, ethics and compliance, talent, and development programs, opportunities for community engagement, and safety.
- **Annual Employee Engagement Surveys.** We conducted a second annual confidential company-wide employee engagement survey in 2019. Responses to the survey provides our management team with valuable information about our workplace culture. It is reviewed with our Board and used to



develop and refine other aspects of our overall human capital management and other growth strategies.

- **Performance Management Framework.** We maintain a robust annual performance management process across the organization. Together, with their supervisors, employees identify annual goals and, at the end of the year, provide their own self assessments as to goal achievement and defined core competencies. Employees are reviewed by both their manager and a second-level reviewer and results are reviewed with employees in one-on-one sessions with their managers.

Diversity & Inclusion

- Two of eight Executive Council members are female
- Three of twelve Directors are female
- ATI is committed to paying all employees a fair and living wage and benefits.



Health and Safety

Policy-Occupational Health and Safety

Safety is one of our core values. We strive for a Zero Injury Culture committed to the safety of our people, our products, and the communities in which we operate.

We continued to focus on safety across ATI's operations during 2019. At year-end 2018, 65% of ATI Operations had achieved OSHAS 18001 or ISO 45001 certification. At the end of 2019, 73% had been ISO 18000 or 45000 certified and four locations were awaiting certification. Our goal is to have every operation certified to OSHAS 18001 or ISO 45001 standards by the end of 2022.

Pandemic Response and Resiliency

In response to the Covid-19 Pandemic, ATI formed a COVID-19 task force to respond to the various government orders, guidance, and issues facing our business and employees. Our operations are critical to ongoing demands and requirements of our customers and as an essential business, we continued to operate while many businesses were ordered to close. By quickly implementing plans and protocols for keeping our employees safe, we had no widespread infection among our employees in any of our global locations. More information will be provided in our report on year 2020.

Statistics

2019	2018	2017
FATALITIES=0	FATALITIES=0	FATALITIES=0
RECORDABLE INCIDENT RATE =1.14	RECORDABLE INCIDENT RATE =1.63	RECORDABLE INCIDENT RATE =2.36
LOST TIME RATE = 0.21	LOST TIME RATE = 0.34	LOST TIME RATE = 0.54

Per 200,000 hrs. worked



Governance

Company Mission, Vision and Values

Our vision: Building the World's Best Specialty Materials & Components Company™

Overview of Executives, Board of Directors

The Audit Committee of our Board of Directors is responsible for overseeing the Sustainability program. Reports on sustainability are provided annually to the Audit Committee.

In 2019, three of 12 board members were female. One of 12 was a minority. Our Board Chair is female. We recognize the benefits and importance of diversity on the board and will continue to seek the best candidates as openings arise on the board. For more—see [Annual Report](#).

Policy Statements

ATI is committed to more than just adherence to laws and regulations. Our commitment is to reflect the highest level of integrity and ethics in our dealings with each other, our customers, our suppliers, our stockholders, the public, and the government agencies with whom we engage. ATI's Corporate Guidelines for Business Conduct and Ethics are a reminder and summary of key Company policies applicable to the conduct of all of our employees in every part of the world.

Ethics-highest level of oversight of our program is the board. An update is provided annually.

We expect all employees to report any actual or potential illegal or unethical conduct or violation of Company policies, laws or regulations at ATI. Various means of reporting are available to all employees, including anonymously. ATI will not allow retaliation or retribution directed toward any individual for honestly reporting concerns to the Company about potential illegal or unethical conduct.

Public Policy

From time to time, we engage in limited political advocacy and lobbying efforts. Activities are limited and coordinated with the Senior Vice President, General Counsel, Chief Compliance Officer and Corporate Secretary.

Anti-Bribery and Anti-Corruption

ATI has a long-standing anti-bribery and anti-corruption policy for all directors, officers, employees, representatives and consultants. We conduct an annual training and certification program to remind everyone of their obligations and responsibilities.

Policy

ATI is committed to the highest ethical standards in the conduct of all of its business activities. ATI will not seek to influence sales or seek to influence any





Governance

other activity related to its business purpose by illegal payments, bribes, kickbacks or other questionable inducements. ATI and its subsidiaries, affiliates, directors, officers, employees, representatives, distributors, agents and consultants (collectively referred to as “Employees” unless the context requires otherwise) and even its stockholders in some instances, may not make, or offer to make, or authorize, payments of money or anything of value, directly or indirectly, to government officials, political parties or candidates for political office for the purpose of obtaining or retaining business, or for any other business purpose. ATI must also (1) make and keep books, records, and accounts which, in reasonable detail, accurately and fairly reflect the transactions and dispositions of assets of the company, and (2) maintain a system of internal accounting controls. Compliance with the ATI Anti-Corruption and Anti-Bribery Policy is a fundamental requirement of ATI’s business and of the duties of all ATI Employees.

Human Rights

ATI is committed to conducting its business activities ethically, with integrity, and in a manner that respects human rights. While we believe that the risk of human rights violations occurring in ATI’s supply chain or daily business activities is low, violation of human rights, including through human trafficking, is a serious global issue. At ATI, we are committed to complying with all

applicable local, national, and international laws and regulations related to the protection of human rights, including laws and regulations that prohibit human trafficking and slave labor.

ATI’s policy applies to all ATI employees, contractors, and agents. A copy of the policy is provided annually to employees and is also part of ATI’s Supplier’s Expectations and Supply Chain Policies. ATI will take appropriate action, up to and including termination, against any employees, agents, or contractors that violate this policy.

Individuals who become aware of an actual or potential violation of this policy are instructed to report the matter immediately to ATI’s Chief Compliance Officer.



Supply Chain Responsibility

Supplier Sustainability Policy

ATI expects all of its suppliers to conduct business in a manner that respects human rights and to comply with all local, national and international laws, regulations and standards related to employment and labor practices and the prohibition of human trafficking and slave labor. ATI also expects all of its suppliers to comply with the basic principles and standards of the ATI Policy Regarding Combatting Trafficking in Persons. ATI reserves the right to immediately suspend or discontinue engagement with suppliers and will take appropriate action if we suspect any supplier has violated any law or regulation related to prohibition of human trafficking and slave labor or has not met the standards of the ATI Policy Regarding Combatting Trafficking in Persons.

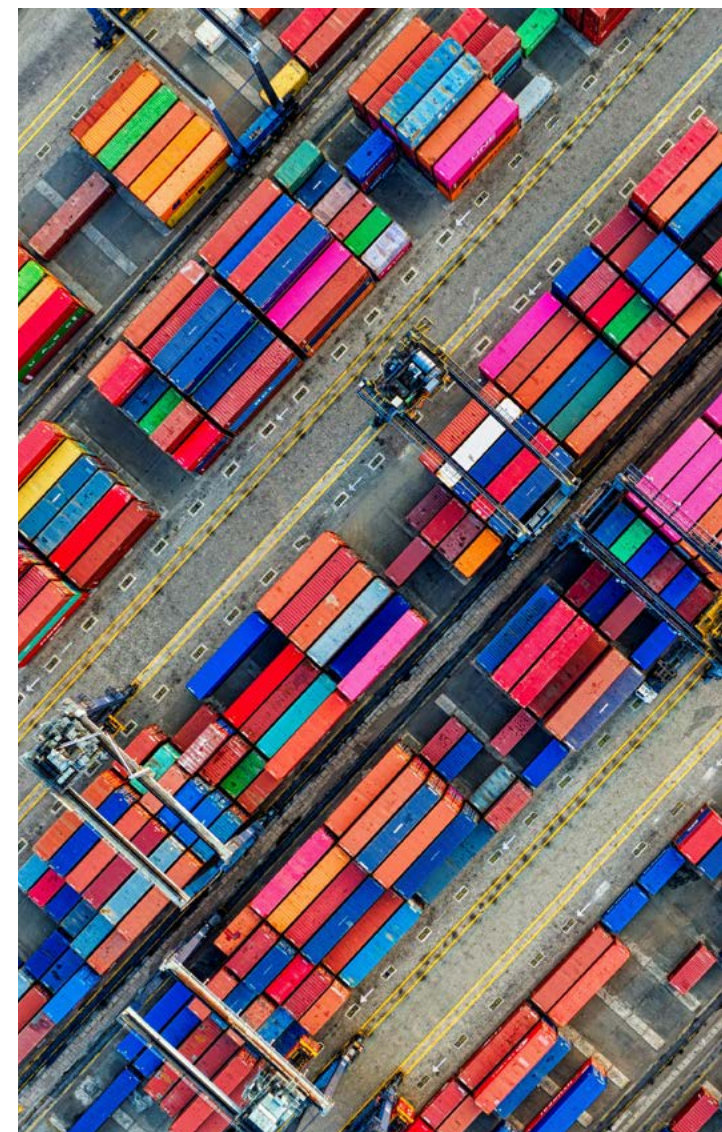
We expect suppliers to conduct their business ethically and with integrity and to comply with the basic principles set forth in ATI's Corporate Guidelines for Business Conduct and Ethics. By signing an agreement with ATI, suppliers are committing to the promise that the terms will be followed. We include our supplier expectations and policies on the external site as well. <https://www.atimetals.com/aboutati/suppliers>

Responsible Procurement/Ethical Sourcing (e.g. Conflict Minerals re: Tungsten, Tantalum)

- Our products do not use iron ore or coking coal and we therefore have no risks from sourcing such materials.
- We conduct supplier due-diligence on potential key suppliers to manage risk in our supply chain related to the areas of anti-bribery and corruption, trade compliance, child and slave labor, criminal history, human trafficking and conflict minerals.
- ATI's policy is to only purchase materials from legitimate and reputable suppliers, and to maintain a sustainable and responsible supply chain that does not in any way contribute to human rights abuses, fuel conflict, or benefit illegal armed groups. In accordance with this policy, ATI has implemented internal risk-based due diligence procedures designed to provide transparency to the origin of Conflict Minerals in our supply chain in compliance with the Dodd-Frank Act. ATI communicates with its suppliers regarding these procedures.

Supplier Collaboration

ATI works closely with suppliers to facilitate our sustainability goals. We have partnered with a key supplier to review various facilities and to recommend energy saving modifications such as LED lighting. In 2019 we completed the retrofit of four significant areas with high efficiency lights.





Product Sustainability—

Helping Customers Achieve Results

Energy-Solar. Wind. Nuclear. Coal. Oil & Gas.

Whatever its form, the energy we use every day passes through challenging stages of exploration, transport, processing and conversion before it can light our cities and take us to work. ATI specialty materials and components are a vital part of the solutions that help reduce GHG emissions around the world while meeting the grueling technical challenges, keeping the lights on and the wheels turning. ATI solutions for the energy industry include specialty materials for solar, geothermal and wind applications, reactor-grade zirconium and hafnium alloys, pioneered by ATI, for nuclear plants; and corrosion-resistant alloys (CRAs) for water systems and scrubbers in coal plants.

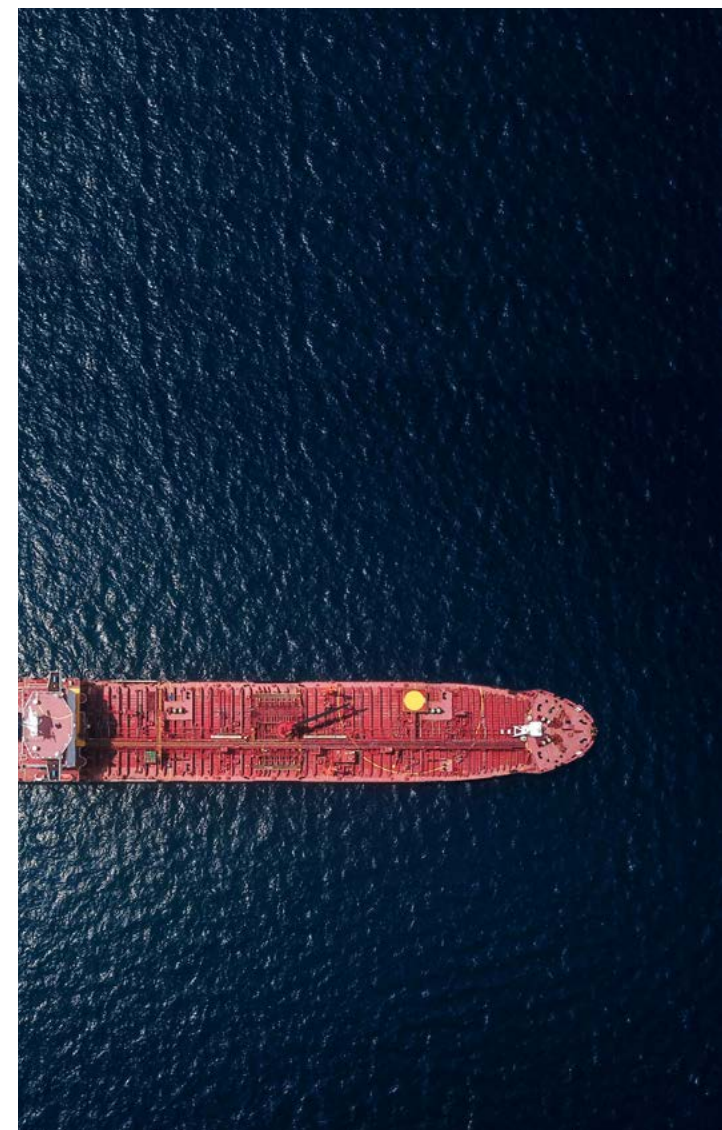
Transportation

Since the dawn of the automotive age, we have been part of its future, developing new materials and designs that extend the life and reduce the cost of transportation in all its forms. Our high-performance nickel-based alloys perform throughout the drivetrain, wherever there's a need for a heat-resistant, stress-resistant, corrosion-resistant component. Our stainless steel is found in everything from shiny trim for motorcycles to rugged, corrosion-resistant tanks for long-haul trucks. And we supply specialty materials

that are vital to successful ship scrubber retrofits to reduce air emissions of sulfur oxides. ATI provides superior technical capabilities, products and processes to enable retrofits to be installed with confidence that emissions reductions will be achieved.

Lifesaving Medical Applications

Specialty materials from ATI are essential for modern medical devices and equipment. Our titanium, stainless steel, and superalloy materials help provide strength, formability and biocompatibility in knee and hip implants, orthopedic screws and braces, dental implants, spinal implants, cardiac stents, pacemaker lead wires, and other applications that save and improve thousands of lives every day. ATI materials such as niobium-titanium specialty alloys play a role in medical systems as well, enabling life-changing insights in MRI systems where they are used in superconducting magnets.





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