

THE IMPACT OF ALSTOM IN THE UNITED STATES

Fiscal Year 2022/23 Impact Report



ALSTOM
• mobility by nature •

Content

FOREWORD

ALSTOM AT A GLANCE

REPORT HIGHLIGHTS

ALSTOM'S IMPACT IN THE U.S.

BUILDING AMERICA, BY AMERICA

FOSTERING POSITIVE
SOCIAL IMPACT

ACCELERATING TOWARDS
LOW CARBON FUTURE

FUTURE OUTLOOK

METHODOLOGY

EPILOGUE

Foreward



Michael KEROULLÉ
Alstom,
President & CEO Americas



For over 170 years Alstom has been manufacturing trains in the United States. Today we employ over 4500 people across the country, creating good-paying union jobs for American workers. These are jobs that help fight climate change and help people across the country get where they need to go smoothly, safely and on time.

Railcars are still central to our business but today we're so much more. Alstom is a sustainable mobility technology leader in the U.S., providing rolling stock, signaling, maintenance, even operations for America's great cities and agencies including New York City, Chicago, Atlanta, Washington, D.C., New Jersey Transit, BART, and Amtrak, as well as America's largest and busiest airports.

Alstom also helps support a robust ecosystem of suppliers across the nation. EY's analysis of our activities in fiscal year 2022/23 found that we contributed over \$700 million to the U.S. GDP and our operations supported nearly 10,000 direct and indirect jobs. With 57% of our purchases made to U.S. suppliers, we are supporting jobs, innovation and America's world-class manufacturing sector.

Alstom is committed to leading the way to a low carbon future by providing high performing, low carbon mobility options. In the U.S. we are also stepping up our efforts to green our operations. We will get 100% of our electricity for our U.S. sites from renewable sources by 2025.

Americans deserve world-class passenger rail. That is why we're on a mission to deliver America's first high speed railcars, made in America, by Americans.

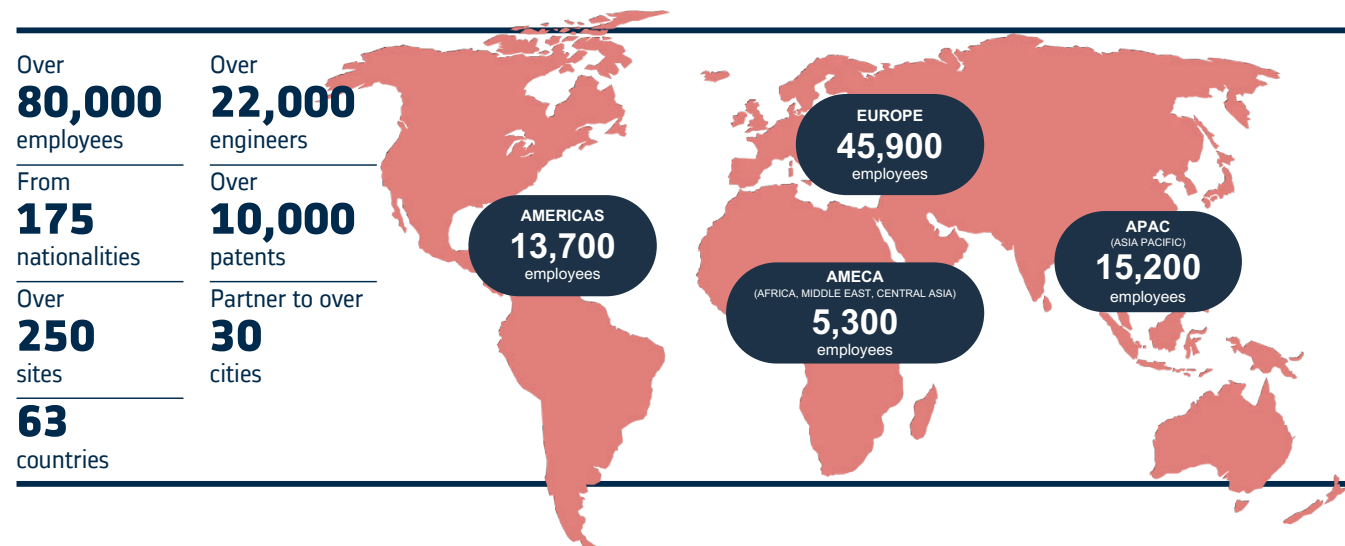
Thanks to new levels of Federal support and Alstom's ongoing investments in the U.S. the future of rail in this country is brighter than ever. We need to keep this momentum going. Keep building jobs and opening up opportunities with modern, high quality rail options in more places for more Americans.

ALSTOM at a glance



A global leader in the transportation sector, in the digital age

From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signaling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry. The company focuses its design, innovation, and project management skills to where mobility solutions are needed most. It marries global experience with local relationships and manufacturing capacity. Alstom globally generated revenues of \$17.2 billion for the fiscal year ending on 31 March 2023.



ALSTOM's impact in the U.S.

Highlights

Fiscal Year 2022/23



45 LOCATIONS

17 ENGINEERING & MANUFACTURING SITES

\$707 MILLION
SUPPORTED GDP CONTRIBUTION

4,588
EMPLOYEES



1,553
SUPPLIERS IN THE U.S.

5,394
OTHER JOBS SUPPORTED



900+
UNIONIZED

800+
ENGINEERS

22%
WOMEN IN LEADERSHIP ROLES



ZERO
SERIOUS ACCIDENTS



45%
WASTE RECYCLING AT SITES

31%
RENEWABLE ELECTRICITY SOURCED



62,544
PEOPLE BENEFITED FROM ALSTOM FOUNDATION AND COMMUNITY ACTIONS IN THE U.S. SINCE 2016

ALSTOM'S IMPACT IN THE U.S.

Revitalizing rail and transit where Americans live and work

Each day Alstom's talented employees are delivering. Our mobility solutions improve communities where over 90% of Americans live and work. Alstom has invested in localizing our operations and building a strong U.S. supply chain. Our American workers and our suppliers manufacture innovative products and services, implement revolutionary digital solutions and create good-paying, sustainable jobs in manufacturing, transportation operations, engineering and tech.

Alstom has played a key role in developing and modernizing the United States' transportation network by drawing on its complementary business lines, and offering fully integrated rail and transit system projects that include rolling stock, signaling, infrastructure and services. Alstom's turnkey approach optimizes project execution and transport system performance. Alstom is perfectly positioned to deliver the projects required to revitalize rail and transit infrastructure in the U.S., and leverage historical level of investment of \$1.3 trillion in the Infrastructure Investment & Jobs Act (IIJA)



Nearly 10,000 cars running in the U.S.

1 out of every 2 subway cars have been made by Alstom



#1 in Signaling solutions

26,000+ units for interlocking & signals in service
100,000+ crossing units utilizing Alstom technology



#1 private operator in North America in ridership

More than 45 years of automated operations experience, working with multiple regulatory bodies, from light rail to heavy commuter, including metro and monorail.



16 U.S. airports are equipped with Alstom's automated transit systems, out of which four are the busiest airports in the world

MANUFACTURING & PROJECT ACTIVITY



Building America by America

CONTRIBUTING TO THE U.S. ECONOMY



Alstom is proud to contribute to local communities through job creation, economic growth, and helping fight climate change. Alstom is committed to advancing the rail transportation industry and driving positive change in the U.S. and beyond.

Alstom injects more than \$700 million per annum in the U.S. economy through \$421 million indirect GDP contribution and \$286 million induced GDP contribution.

BUY AMERICA

Alstom U.S. has a strong commitment to meet or exceed Buy America requirements. In the last 15 years, 30+ pre-award and post-delivery audits have assessed that projects complied with Buy America.

AVELIA LIBERTY, the first-ever high-speed train designed and built in the U.S. is being manufactured with 95% Buy America compliance and 95% of components sourced locally

A WORD FROM



Shornda CADORE
Procurement Director, Americas

"Alstom continues to position itself as a world-class procurement organization in the U.S. and as a valued strategic partner and industry differentiator. Alstom has more than met the challenge of establishing a robust U.S. high-speed train supply chain through investment with 170 suppliers in 27 states, benefiting over 90 communities across the U.S., all while adhering to the U.S. Department of Transportation Buy America requirements.

We are also proud of our efforts to build a diverse high-speed rail supply chain in the U.S. Alstom and Amtrak worked in close partnership to meet ambitious small and disadvantaged business enterprise goals. This process included aggressive outreach to Small Business Enterprises (SBE), Disadvantaged Business Enterprises (DBE), and Minority & Women Business Enterprise (MWBE) companies across the country.



The city behind the success story of the first American high-speed train

HORNELL, NEW YORK: BUILDING AMERICAN'S HIGH SPEED RAIL FUTURE



\$87M INVESTED
to upgrade Hornell's manufacturing and testing capabilities since 2016



600+ JOBS
With over 40% unionized employees



\$30M GRANT
to support the addition of 60,000 square feet of new production and engineering space in Hornell.

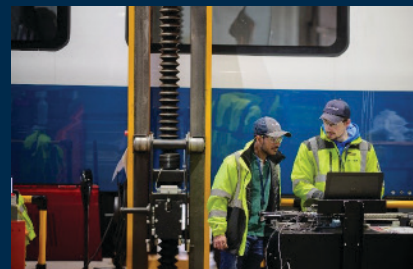


Hornell is the manufacturing site of the Avelia Liberty high-speed train for Amtrak. Alstom has invested more than \$87 million to modernize the largest passenger transit plant in North America and provide customers with fast, reliable, locally-made and American-compliant transportation modes.

Alstom's ongoing partnership with New York State Empire State Development for modernization and expansion of Hornell and Plattsburgh manufacturing facilities include a \$30 million Upstate Revitalization Initiative grant to support the addition of 60,000 square feet of new production and engineering space in Hornell, 10,000 feet of new track, and a \$7 million Excelsior Jobs Credit incentive for new stainless steel car body shell manufacturing facility.

The Hornell Industrial Development Agency said it best: "Building the Avelia Liberty locally resulted in public and private investments worth \$200+ million in the City of Hornell. This means new housing, hotels, and restaurants, and the preservation of the local hospital, all infrastructure that is critical to this community of 8,000 people. Towns like Hornell, NY with American labor have proven they can and have built the engine that drives America forward."

Expanding Talent Development



Alstom's in-house training centers in Hornell teach skills such as welding, painting, riveting and crimping, and feature a virtual reality welding unit and machining tutorials.

Proudly Made in America. For America.



Integrated solutions

AUTOMATED PEOPLE MOVERS (APM) AT AIRPORTS



1,000+ APM Services employees across 16 U.S. airports including Atlanta, Dallas, Denver and Chicago, rated as the four busiest airports in the world in 2022



99.5% + average system availability through 24/7 operations & maintenance services across all our APMs customers



525+ Million passengers transported safely and efficiently to their destinations



Alstom is a pioneer in the industry with the world's first driverless automated people mover (APM) system at Tampa International Airport in 1971 and currently offers fully automated, driverless transport solutions in Atlanta, Chicago, Dallas/Fort Worth, Denver, Las Vegas, New York, Orlando, Phoenix, Pittsburgh, Sacramento, San Francisco, Seattle, Miami, Tampa, Houston and Newark and soon to include Los Angeles.

APM solutions offer quick, comfortable and convenient service for commuters within cities, to and from airports or between airport terminals for both passengers and airport workers, reducing passenger wait time. Passengers can also link up with rental car facilities, hotel shuttles and other local transit systems. For example, Newark Airport's AirTrain provides easy connections to New Jersey Transit and the rail lines that run on the Northeast Corridor and North Jersey Coast Line.



Reference Solution - PHX Sky Train®



The PHX Sky Train® opened at Phoenix Sky Harbor International Airport in April 2013 with Alstom's Innovia™ APM turnkey system including Operation & Maintenance

In 2022, the PHX Sky Train extension provided much-needed connectivity for customers to the airport's world-class consolidated rental car facility. It enhanced the customer experience and helped remove 70 diesel-run buses from the airport roadways. The traffic of passengers now flows seamlessly on electric APM system.

Future project, LAX APM



Revitalizing rail and transit where Americans live and work



ROLLING STOCK

MODERNIZING FLEET TO DELIVER SAFE, ENERGY EFFICIENT AND ACCESSIBLE SOLUTIONS

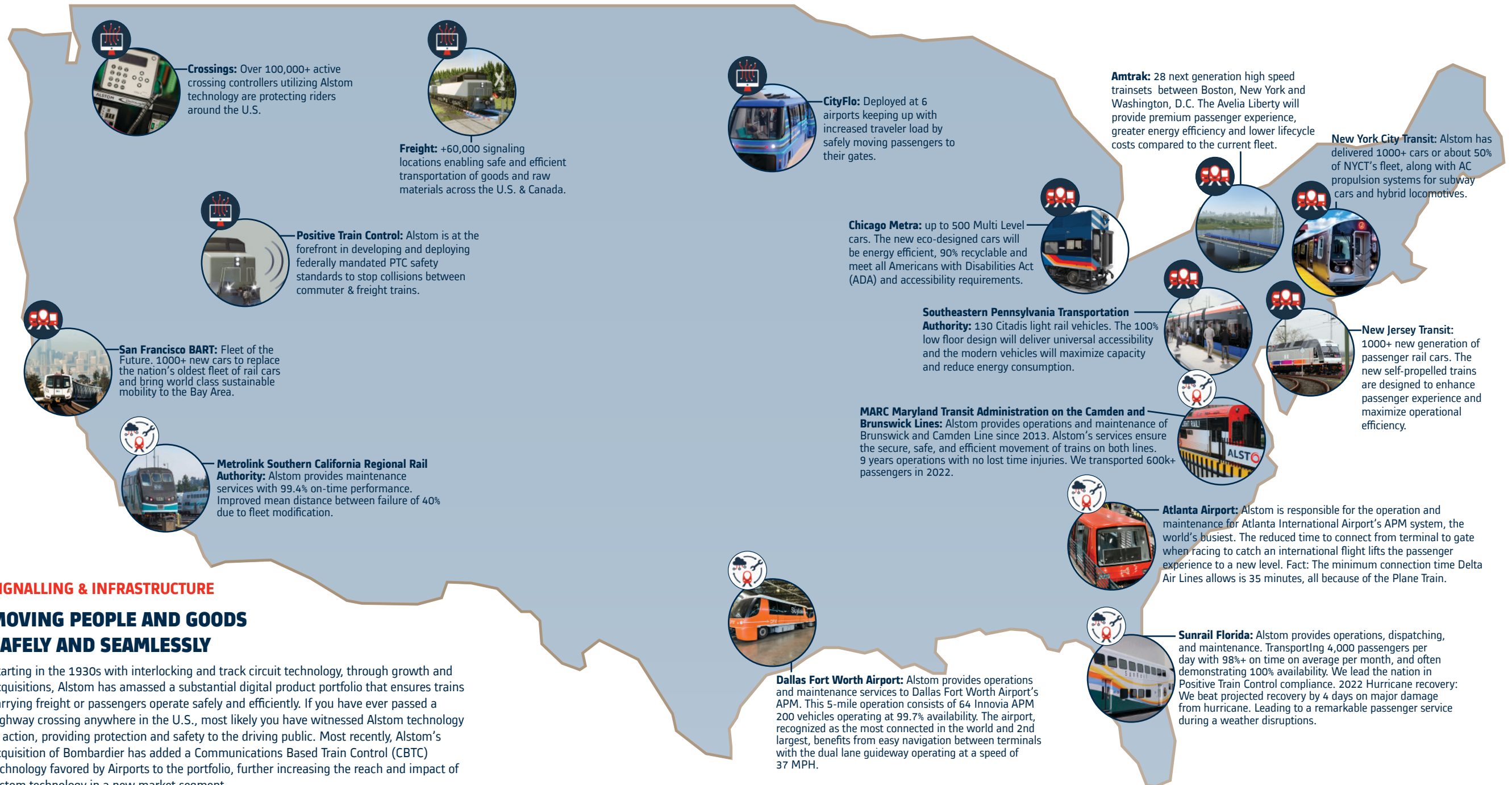
Alstom's expertise in engineering and manufacturing allows it to provide innovative and reliable solutions to meet the evolving needs of the U.S. market from high-speed trains to commuter trains, from street cars to light rail to metros or subways and automated people movers. These new systems are designed to increase reliability, enhance passenger experience, improve energy efficiency, and ensure maximum accessibility for all passengers.



SERVICES

LEADING OPERATIONS & MAINTENANCE TO ACHIEVE HIGHEST AVAILABILITY AND PUNCTUALITY

Alstom is the largest private operator for passenger trains in North America. Alstom provides long term services to 15 airports in the U.S. and 12 transit authorities all over North America. Tailored to customer requirements, Alstom Services ensure our customers the highest level of availability and reliability for their fleet, infrastructure and signaling systems for best-in class passenger experience. Every day, our teams are at the side of customers to guarantee passengers enjoy seamless travel on trains that are safe and on-time.



SIGNALLING & INFRASTRUCTURE

MOVING PEOPLE AND GOODS SAFELY AND SEAMLESSLY

Starting in the 1930s with interlocking and track circuit technology, through growth and acquisitions, Alstom has amassed a substantial digital product portfolio that ensures trains carrying freight or passengers operate safely and efficiently. If you have ever passed a highway crossing anywhere in the U.S., most likely you have witnessed Alstom technology in action, providing protection and safety to the driving public. Most recently, Alstom's acquisition of Bombardier has added a Communications Based Train Control (CBTC) technology favored by Airports to the portfolio, further increasing the reach and impact of Alstom technology in a new market segment.

Fostering positive social impact

CREATING A DIVERSE AND INCLUSIVE ENVIRONMENT FOR EMPLOYEE GROWTH

Alstom is a global company with employees from over 175 countries. In the U.S., Alstom employs 4,588 persons including over 800 engineers and 900 unionized personnel. Alstom has been certified by Top Employers Institute for the last 3 consecutive years for career development, leadership, wellbeing & sustainability. This affirms Alstom's commitment to place people at its core and make employees proud to work at Alstom.



WORKFORCE SHARE

19% Women in workforce
22% Women in manager, engineering and professional roles
33% Black, Indigenous, and People Of Color (BIPOC)
7% Veterans

Alstom values embrace diversity, equity, and inclusion (DEI) bringing together people from diverse backgrounds and giving everyone equal opportunity to contribute with their knowledge, skills, experiences, and perspectives.

A WORD FROM



Shelia KINGSLEY
 Site General Manager, West Mifflin, Traction and Components Site

"Our goal is to reach 28% of women in manager, engineering and professional roles by 2025. We are accelerating the recruitment of women and working to support the growth of women in the company through mentoring, coaching and leadership programs."

SECOND CHANCES PROGRAM AT JFK APM SITE:

This program provides job seekers with past involvement in the criminal justice system access to jobs. Since 2020, 80 people have been hired by this program.



Lauren Nardelli
 Logistics Operator



Launched in 2023 : New disability affinity group in North America

From Camden site, NJ, Lauren is vision-impaired and volunteered to co-lead North America in founding a new disability affinity group for employees with disabilities, carers, and allies.

Employee Resource Groups

Our three ERGs are created to support employees and foster peer leaders willing to learn, teach, raise awareness on DEI, and act as ambassadors.



FOSTERING POSITIVE SOCIAL IMPACT

Providing a safe work environment

At Alstom, health & safety of all employees is an utmost priority.

We are committed to preventing incidents and accidents in the workplace and have a zero-tolerance approach to safety violations through our Alstom Zero Deviation Plan program.

0 SEVERE ACCIDENTS OR FATALITIES

3.6 TOTAL RECORDABLE INJURY RATE (TRIR)

We conduct and review all risk assessments annually to identify potential hazards and implement controls to prevent incidents to our employees and critical contractors.



Management personnel performs workplace inspections to ensure compliance to all safety procedures, and remove and mitigate risks and hazards within the work environment immediately.

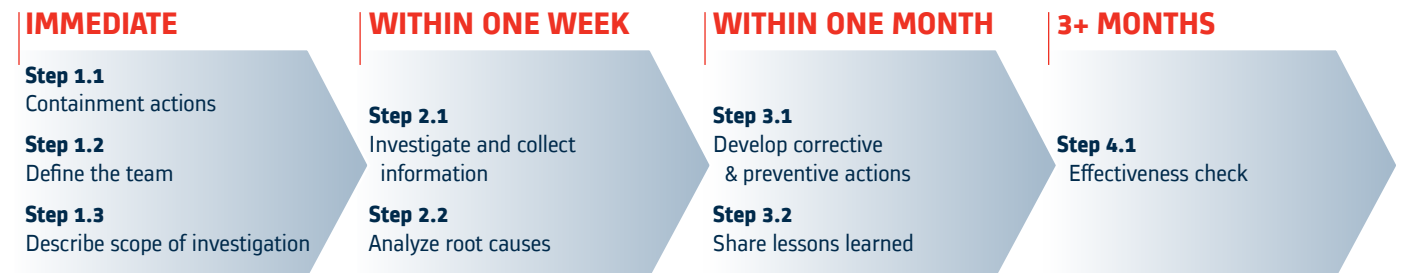


We invest in training and developing our employees to increase their knowledge of workplace safety.



CONTINUAL IMPROVEMENT

We care for our employee's and contractors' health and well-being and always strive to improve. A full review of any accident, incident, or near miss is undertaken with senior management representation, and the process below is set in motion to identify the root cause and prevent other occurrences of the incident, following a precise timeline:



Alstom Americas' Occupational Health & Safety Management System has been certified compliant with ISO 45001 requirements; enabling a safe and healthy workplace, preventing work-related injury and ill health, and improving Occupational Health & Safety performance.

FOSTERING POSITIVE SOCIAL IMPACT

Partnering with colleges and universities to develop and recruit new leaders

Alstom is constantly on the lookout for opportunities to support the future workforce of the United States by attracting young talents and training the next generation of researchers, operators, and engineers. We collaborate with educational institutions through career guidance, internship programs, recruitment drives, and graduate programs.

THE LEAD GRADUATE PROGRAM

The Leadership Excellence And Development (LEAD) program is a rotational program for recent graduates giving them the opportunity to work in different areas of the company over four challenging six-month rotations. The program provides these new employees with advanced people management skills, project and technical expertise, as well as building leadership skills, relationships and developing professionally. The program started in 2016 in the U.S. is growing in different locations and business areas, and many graduates continue to work at Alstom.



CYBERSECURITY

Alstom and the Rochester Institute of Technology's (RIT) ESL Global Cybersecurity Institute (GCI) have signed a three-year MOU outlining their collaboration to advance transportation cybersecurity, specifically in the areas of education, development, and research. Alstom will sponsor the 2023 cybersecurity transportation-themed Collegiate Penetration Testing Competition.



In 2022, Alstom and the University of Pittsburgh Swanson School of Engineering signed a Memorandum of Understanding (MOU) to build new research and student engagement programs for Pittsburgh students including: Recruitment, Research, Student projects and Alstom as teacher.

JFK APM SITE INTERNSHIP PROGRAM WITH INDUSTRY SCHOLARS

Alstom partnered with Industry Scholars at JFK APM site for the third consecutive year to onboard public school students to gain work experience and training in Engineering, Human Resources, Train Operations, Maintenance, Project Management, and EHS.

University Relationships



30

FLAGSHIP SCHOOLS IN THE U.S. where Alstom has continuing relationships through job fair attendance, information sessions, resume review and other networking events.

300+

CANDIDATES MET at the 2023 National Society of Women Engineers



Next-generation commuter rail cars specifically designed for North America, providing riders with safe, comfortable, 125 mph commuter rail service.

Alstom employees giving back in their communities

DID YOU KNOW? Alstom invests in the communities where its employees live and work. It does this through thoughtful investments both locally and centrally, employee engagement and programs.

ALSTOM FOUNDATION AND LOCAL COMMUNITY ACTIONS IN THE U.S.

2,247

HOURS OF VOLUNTEER TIME DONATED BY ALSTOM U.S. EMPLOYEES IN THEIR COMMUNITIES SINCE 2016

62,544

PEOPLE BENEFITED FROM ALSTOM FOUNDATION AND COMMUNITY ACTIONS IN THE U.S. SINCE 2016

Alstom deploys a Country Community Action Plan in the U.S. each year focusing on 4 priorities; protecting the environment, meeting social needs, supporting education, and contributing to local enterprises and skills development. Some examples of our contributions in 2022:

- we donated school supplies to more than 3,500 local disadvantaged children close to Hornell, Melbourne and Rochester Alstom sites
- Alstom continued Hornell's yearly commitment to Junior Achievement program, benefiting more than 500 children to learn about financial literacy, workforce readiness & entrepreneurship.
- Alstom engaged in United Way campaign in Pittsburgh and Hornell sites and contributed to more than 2,700 underprivileged persons



Alstom employees can submit proposals for projects to the Alstom Foundation which supports local initiatives around the globe contributing to communities in need near Alstom facilities and our project sites.

FOUNDATION SUCCESS STORIES

East Coast Zoological Society of Florida

- 1,400 beneficiaries

In 2016, Alstom funded the construction of a dedicated learning & recreational facility at the Brevard Zoo, Florida for autistic and other special needs children to enable them to meet animals and explore nature without the distraction of other visitors.

Hornell Area Concern for Youth (HACFY)

- 5,100 beneficiaries

In 2017, Alstom funded the renovating and rebuilding of an adult-supervised yearround facility for 8-19 years old from disadvantaged backgrounds that frequent it outside of school hours.

National Wildlife Federation

- 2,800 beneficiaries

In 2021, Alstom helped fund the construction of California's first large-scale wildlife crossing, including vegetated barriers, nursery for native plants, equipment to prepare for the biological rehabilitation of the project site.

Investing in America's workforce

Alstom invests in local communities, helping co-develop the talents and skills of the local workforce through partnerships with local educational institutions and small businesses.



Alstom aspires to increase social equity and inclusion within the industry and works diligently through its Supplier Disadvantaged Business Enterprise (DBE) program to develop local supply chains.

DBE program promotes partnering with firms who are certified Small or Disadvantaged, Women or Minority Owned, or Service-Disabled Veteran Owned creating equal opportunities for employment and growth. **Alstom does business with 100+ small, socially, and economically disadvantaged businesses in the U.S., and aims to continue fostering the partnerships with these firms.**

SUCCESS STORIES

Academic partnership for specialized training

SUNY Alfred State College of Technology and the U.S. Department of Labor and Appalachian Regional Commission's (ARC) Workforce Opportunity for Rural Communities (WORC) Initiative have partnered with Alstom to invest a \$1.4 million grant to build on SUNY Alfred's existing technical curriculum, develop specialized welding training and enhance workforce education to meet Alstom skilled workforce needs.

Transfer of Technology (ToT) program with smaller businesses

Alstom facilities host ToT with smaller businesses. In Hornell, Transit Air, a small minority-owned business of around 100 employees, benefited from the ToT program by investing in and building rail domestically, and up-skilling their workers. In Harvey, IL, a suburban town near Chicago, LB Steel participated in both the ToT and the Resident Program, learning new welding & grinding skills, and going from manufacturing freight locomotive frames to building high-speed train frames.

Minority or Women owned Business Enterprise program (MWBE) at JFK Automated People Mover site

MAC Tech Fabrication and Repairs exemplifies our MWBE program's objectives and impact with our fenceline communities. MAC Tech began as a lone entrepreneur that our local team mentored until he qualified for MWBE Certification. Alstom helped MAC Tech grow into a state-of-the-art metal fabrication company, servicing clients such as Tiffany's, Chase Bank, Jet Blue, and PANYNJ. Through Alstom's partnership MAC Tech grew from \$50,000 in sales in 2006 to become a \$3.8 million company with an 8,000 square foot warehouse, 10 full-time employees, investing in cutting-edge technology, and employee development. This partnership demonstrates the value MWBE programs deliver in the communities where Alstom APMs operate.

A WORD FROM



James DANIEL
Site Procurement Director



How does Alstom foster Disadvantaged Business Enterprises (DBE)?

Alstom has developed two special programs to bridge the technology gap between bigger suppliers and DBEs. The first one is the Transfer of Technology (ToT) process, during which Alstom experts work at a supplier's site to shorten the supplier learning curve. The second one is the 'Alstom Resident' program, which aims to ramp up suppliers' quality and project management skills.

Accelerating towards a low carbon future



As a key player in the mobility sector, Alstom is at the forefront of the challenges facing society today, from global warming to rapid urbanization. Understanding the importance of reducing the environmental impact of its operations, the company strives to make more sustainable choices throughout its entire value chain. This dedication results in a 360° approach covering operations, product, and the company strategy.

Alstom is committed to leading the way to low-carbon transport throughout its value chain and has adopted a "Climate and energy transition strategy" along three lines:

- placing energy-efficient electrical rail solutions at the heart of its portfolio
- enabling the transition to sustainable mobility solutions
- collaborating with clients and suppliers in reducing CO2 emissions.

ENABLING DECARBONISATION OF MOBILITY

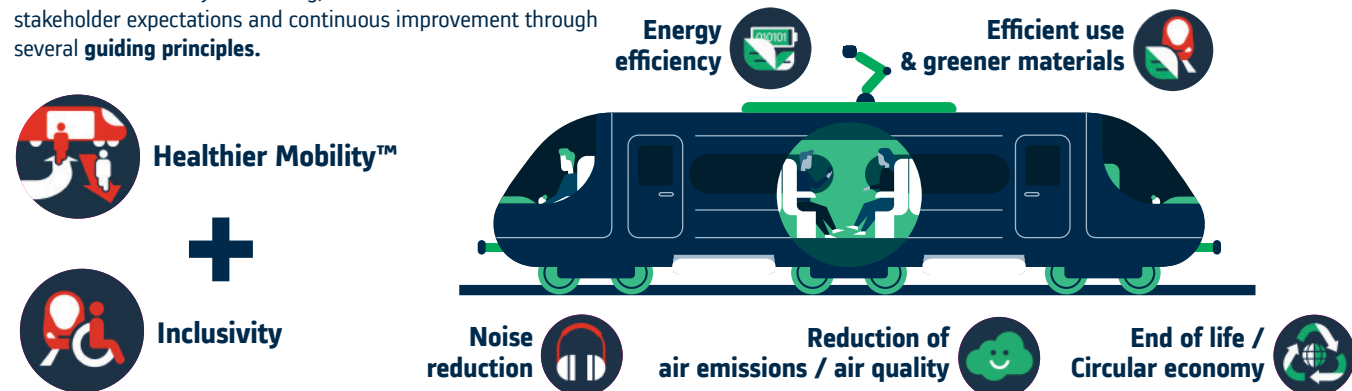
Alstom has committed to achieving net-zero emissions by 2050 and we have near-term 2030 emission reduction targets in place, validated by the Science Based Targets initiative as aligned with the goals of the Paris Agreement. Globally, Alstom aims to reduce its GHG emissions throughout the value chain by FY2030/31 as follows:

<p>40%</p> <p>EMISSIONS REDUCTION FROM CONSUMPTION OF ELECTRICITY & ENERGY SOURCES AT OUR SITES COMPARED TO FY2021/22</p>	<p>30%</p> <p>EMISSIONS INTENSITY REDUCTION FROM PURCHASED GOODS & SERVICES COMPARED TO FY2022/23</p>	<p>42%</p> <p>EMISSIONS INTENSITY REDUCTION PER PASSENGER KM, AND 35% PER TON KM FROM SOLD PRODUCTS COMPARED TO FY2021/22</p>	<p>100%</p> <p>OF NEWLY DEVELOPED SOLUTIONS ECO-DESIGNED & 25% RECYCLED CONTENT IN ROLLING STOCK SOLUTIONS BY MARCH 2025</p>
--	--	--	---

To meet its commitments, Alstom embeds sustainability into policies, practices and networks of experts throughout the organization, and measures and monitors performance against its goals. To accelerate the energy-efficiency and reduce the environmental footprint of its solutions, Alstom relies on its R&D and Eco-design teams throughout the product development phases.

ECO-DESIGN, OUR GOLD STANDARD FOR PRODUCT DEVELOPMENT

Alstom's eco-design approach is serving the transition to low carbon transport. It is founded on lifecycle thinking, consideration of customer and stakeholder expectations and continuous improvement through several **guiding principles**.

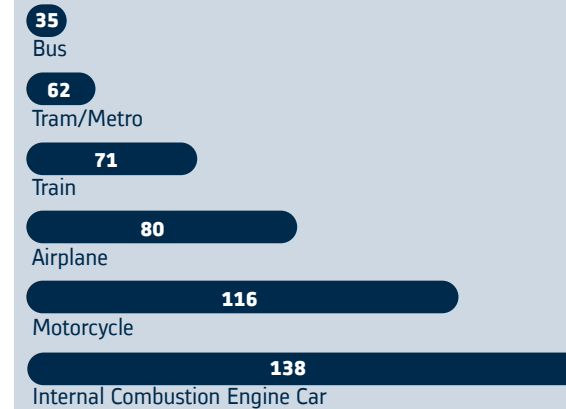


ACCELERATING TOWARDS A LOW CARBON FUTURE Reducing our environmental impact

In the U.S. the transportation sector is the biggest contributor towards greenhouse gas emissions. Therefore decarbonizing mobility can be one of the biggest parts of the solutions. We want to play our part by accelerating the shift towards low emission mobility solutions for all.

Rail transport has among the lowest emissions in motorized transport

Average GHG* emissions for powered transportation modes in the U.S. (gCO2 per passenger kilometer)



* Greenhouse gases
Source: U.S. Environmental Protection Agency, GHG Emission Factors Hub (April, 2022)

Alstom's products sold in FY22-23 in the U.S. emit less CO2 per passenger per kilometer traveled compared to other modes of transportation in the country, demonstrating our dedication to promoting sustainable transportation solutions. Our products sold in FY22-23 in the U.S., at 100% occupancy rate, emit CO2 as follows:



REDUCING THE ENVIRONMENTAL IMPACT OF OUR OPERATIONS

U.S. sites are rolling out energy efficiency programs throughout their operations, such as converting to LED lighting and modernizing equipments.

We are also assessing deployment of green electricity production on our sites, and working on decarbonization roadmaps in our manufacturing sites.

U.S. sites emitted 10,000 tons of CO2 from electricity and energy sources in FY2022/23, an amount reduced through renewable electricity purchased at our Hornell, NY, and Rochester, PA, facilities. In FY22-23, 31% of U.S. sites' electricity was sourced from renewable energy.

100%
OF U.S. SITES' ELECTRICITY WILL BE SUPPLIED FROM RENEWABLE SOURCES BY MARCH 2026

ZERO ENVIRONMENTAL DAMAGE

Our ambition is to cause Zero Environmental damage, prevent pollution, continuously reduce the environmental impact associated with resource use, pollution and waste generation, to comply with legislation and set ambitious targets for improvement.



Alstom Americas is proud to share that its Environmental Management System received the ISO 14001 certification for its corporate activities and the following sites in the U.S.: Hornell, NY, Plattsburgh, NY, West Mifflin, PA, Pittsburgh, PA, Rochester, PA, Grain Valley, MO, Warrenburg, MO and Melbourne, FL.

Future Outlook

Alstom is a global technology leader with solutions to meet the unprecedented need for sustainable mobility in the United States. We are helping our customers seize the momentum to prioritize sustainable mobility and deliver reliable, equitable, and modern mobility services. Our work goes beyond addressing transportation needs.

Alstom is actively working with its partners to create a strong and sustainable U.S. rail industry with world-class manufacturing capability and strong resilient supply chains. Governments, manufacturers, train owners, and operators, along with infrastructure owners and maintainers, are working to achieve the same objectives – increase passenger numbers, improve the reliability of the railway, and raise revenue while meeting committed net zero targets. However, the mobility industry, particularly rail, remains underinvested, which impacts the entire value chain, from supply to resources, capital expenditure planning to state-of-good-repair.

We continue to focus on how best to expand the high-speed rail (HSR) technologies and network across the U.S. We are proud to be the first to build HSR equipment in the U.S. at our Hornell, New York facility, which has created more than 1,300 jobs in ninety different communities and a robust supply chain domestically and abroad. We also continue to lead the industry in the transport of airport passengers in the U.S., through our Automated People Mover system, (APM), supplying the equipment, signaling, operation and maintenance in sixteen airport locations, including Atlanta, which is the world’s busiest.

We believe in the potential for growth in the United States and our ability to create good manufacturing jobs, a growing and diverse workforce, lower CO2 emissions and much more. The interest from our stakeholders and followers on social media in Alstom’s work on hydrogen and green traction technology has taken off recently, highlighted by the introduction of the first hydrogen-powered train into revenue service in North America, and we are working with our team and industry experts to help bring these innovative technologies to the U.S. Alstom will continue to strengthen its environmental and social commitments across its U.S. sites.



Retain Top Employer certification



Pursue ISO26000 Label demonstrating continuous efforts towards sustainability



Reduce our CO2 emissions (scope 1 and 2) through energy efficiency and decarbonization initiatives in our manufacturing sites



Methodology

SCOPE OF THE STUDY

The numbers and statistics given are for the fiscal year April 1st 2022 to March 31st 2023. In some cases, the numbers presented are specific to a certain period of time and is indicated in the text. For those numbers specifically, the scope considered is the fiscal year April 1st 2021 to March 31st 2022.

SOCIO-ECONOMIC FOOTPRINT

The model used by EY to represent the socio-economic rippling effect within a given territory is based on the work of economist Wassily Leontief, who earned the Nobel Prize in Economics in 1973. This research is centered on the use of symmetric input-output tables to simulate the interdependence of all sectors of an economy. Moreover, since the model is linear, any economy of scale is ignored.

By combining this modeling of the economy along with the employment intensity of each sector, it was possible to determine the indirect and induced socio-economic benefits. Those results are being derived from all Alstom’s activities worldwide and all global procurement. They are shown at a U.S. level but reflect the global supply chain of Alstom along with the goods and services exchange made between economic actors of all the countries in the world.



The contribution of the activity/ entity itself to the entire economy (e.g. in terms of the number of employees working for Alstom).



To “produce” direct effects, a company needs to acquire goods and services (e.g. scrap metal, electricity, technical analysis services etc.) from suppliers. Those suppliers increase their production and hire additional staff in order to meet the demand of Alstom, thus generating indirect effects on jobs. Suppliers themselves cooperate with additional firms (their suppliers), creating a second-rank effect that is also part of the indirect effects generated by the company. The model adds up first-, second-, third-rank effects and so on, all along the supply chain.



Induced effects are the results of increased household spending caused by the labor income of direct and indirect jobs. The induced effects are generated by employees spending within the business’ supply chain. Employee spending generates more demand in the economy, which leads to more production and, in turn, more profits, value-added (GDP contribution), employment, taxes, and so on.

Epilogue

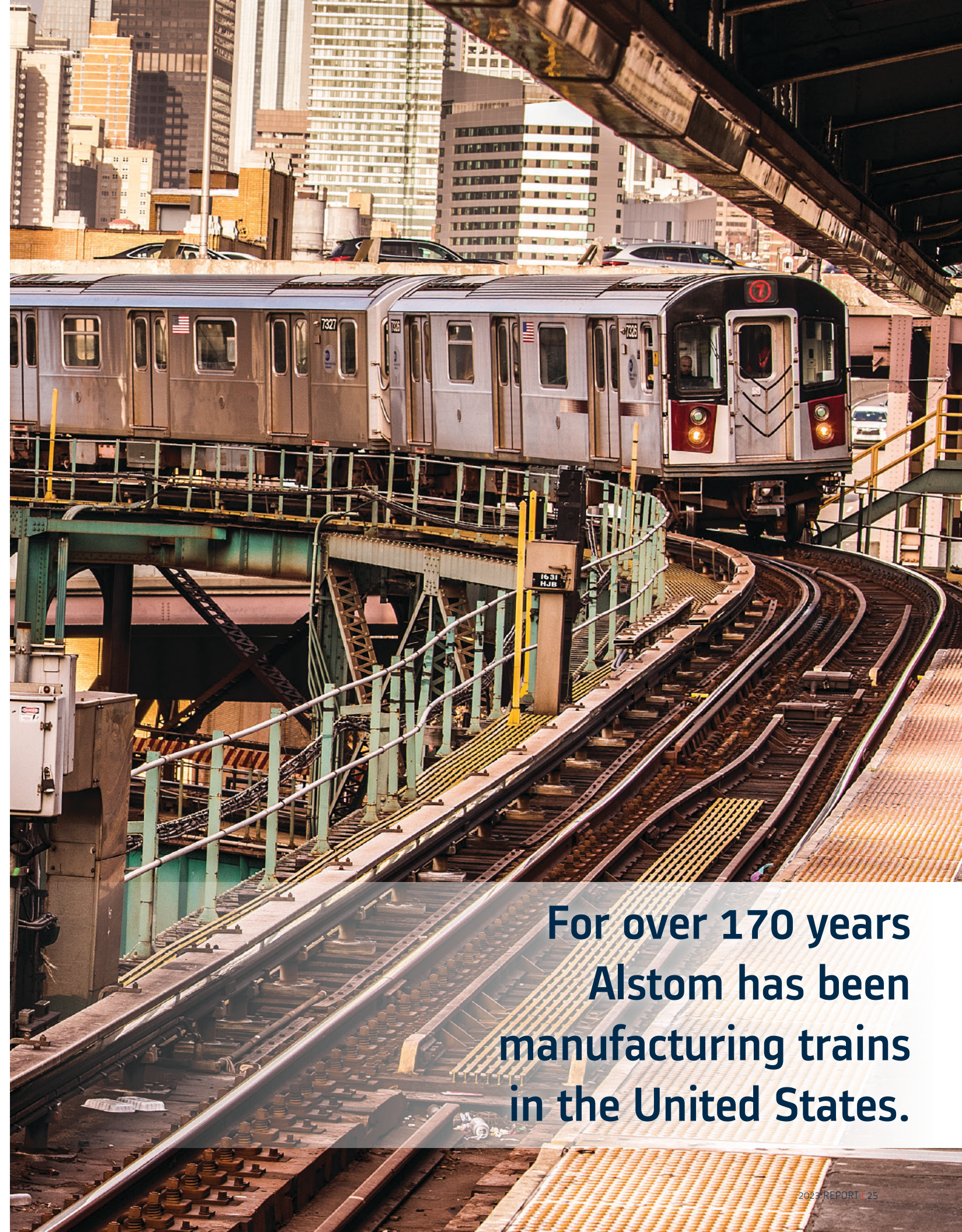


Olivier BABOULET
EY Partner,
Sustainable Performance
& Transformations

Over the last 170 years, Alstom has been extending its footprint across the U.S. Today, with 45 sites across 19 states, Alstom is a strong local employer recognized as a leader in the U.S. transportation market and capable of exceeding domestic content requirements in its products.

The study conducted by EY focuses on the impact of Alstom in the United States and is based on the identification, computation and evaluation of CSR-related KPIs connected to Alstom's CSR strategy pillars. The information featured in this report has been investigated to bring a faithful reflection of the company's social, economic and environmental impacts in the country. Selected KPIs include a socio-economic analysis using a multi-regional input-output model, enabling the quantification of Alstom's contribution to the United States' development in terms of jobs and value creation. Those socio-economic indicators rely on a state-of-the-art methodology involving Alstom data and the use of external databases (EORA).

This approach enables Alstom to better assess and measure its impact on stakeholders. It also demonstrates and strengthens Alstom's commitment to positively influence the communities in which it operates.



**For over 170 years
Alstom has been
manufacturing trains
in the United States.**

Alstom

641 Lexington Avenue
28th Floor
New York, NY 10022

www.alstom.com