



FOCUS ON THE FUTURE

Sustainability Report 2025

OUR OPERATIONS

Georgia Ports Authority is more than a single port. Georgia Ports and inland facilities support more than 609,197 jobs throughout the state annually, contributing \$40 billion in income, \$171 billion in revenue and \$5.3 billion in state and local taxes to Georgia's economy.

Georgia Ports anticipates investing \$4.2 billion in the next ten years as part of its port master plan to enhance cargo handling capabilities to support future supply chain requirements.

As part of GPA's community engagement efforts, \$6 million is being donated to communities located near the Port of Savannah in a multi-year, local workforce housing initiative.

Core Principles in Sustainability: The Georgia Ports Ecosystem

"With a **focus on the future**, GPA is dedicated to remaining an economic catalyst for Georgia's businesses by continuing to advance efficient global commerce while balancing environmental responsibility and the sustainable use of social and natural resources to ensure long-term prosperity for our State and our Nation."

- President & CEO , Griff Lynch



APPALACHIAN REGIONAL PORT

Northwest Georgia inland rail terminal, providing a powerful gateway to global markets, with exclusive CSX service on a direct, 388-mile rail route to/from the Port of Savannah and easy access to Interstate 75 and U.S. 411. ARP handled 36,324 containers last fiscal year, while offsetting 12.5 million truck miles on Georgia's highways, and lowering emissions by 79% per container.

COLONEL'S ISLAND TERMINAL

The single largest and busiest RoRo port in the U.S. for autos and heavy equipment, featuring three berths, and three on-terminal auto processors. The Port of Brunswick is adding another 50 acres of paved storage at Colonel's Island Terminal, with expanded auto processing capacity, following the recent addition of more than 120 acres of storage space.

BLUE RIDGE CONNECTOR

This Northeast Georgia inland port will provide a direct link to the Port of Savannah via Norfolk Southern Railroad. The 104-acre site will feature 9,000 working feet of track, expanding to 18,000 feet at full build-out, with capacity for 150,000 container lifts per year — each lift will offset about 600 roundtrip highway miles. Projected to open in 2026.



ATLANTA

GARDEN CITY TERMINAL

The single largest, and one of the fastest growing container terminals in North America. Features 35+ weekly containership services, nearly 10,000 feet of contiguous berth space, immediate access to I-16 (East/West) and I-95 (North/South), with quick access to key cities and manufacturing points throughout the Southeast U.S. Mason Mega Rail, the largest on-dock intermodal facility in the western hemisphere, offers CSX and Norfolk Southern Railroad Class I service, with less than 24-hour rail dwell, and 24 trains per week.

OCEAN TERMINAL

Berth and container yard upgrades are under way at Savannah's 200-acre Ocean Terminal to serve two large container ships simultaneously and offer 2 million TEU annual capacity. Renovations to the first 1,325-foot berth will be completed January 2025, with the second berth completed in June 2026, for a total of 2,650 feet of berth. The terminal will be served by 55 hybrid-engine rubber-tire gantry cranes when opened in 2028.

MAYOR'S POINT

A dedicated breakbulk facility, providing efficient breakbulk and project cargo handling offering a 1,750-foot berth, adjacent warehousing, and direct CSX and Norfolk Southern rail service.

EAST RIVER

Operated by Logistec U.S.A, and handling breakbulk and bulk commodities, including wood pellets and peanut pellets, which are used as renewable energy sources. The Georgia Ports Authority has been awarded a federal grant to improve safety and capacity, including building a new 540-foot dock and replacing half of a second dock on the site.

OPENING LETTERS



Long-term sustainability guides decision-making

Our port master plan is designed to constantly improve supply chains through highly efficient and sustainable operations. Our port emissions data continues to show reductions as part of this approach.

Helping American businesses compete stronger on the world stage is part of our broader effort to ensure long-term sustainability in economic development, environmental stewardship, responsible governance, and employee and community engagement.

The Georgia Ports Authority Board considers these issues when deciding on every major policy or investment directive. Our twin goals are continuous improvement in the delivery of world-class service, and the preservation of our natural resources for future generations.

A handwritten signature in black ink, appearing to read 'KF'.

Kent Fountain, Chairman of the Board, Georgia Ports Authority



Balancing business, environmental imperatives

At Georgia Ports Authority, we're working daily to balance our essential economic, social and environmental duties through responsible operations.

Ongoing infrastructure improvements will enable the ports of Savannah and Brunswick to stay ahead of demand and limit our carbon footprint through clean cargo-handling equipment and terminal design that maximizes efficiency.

Over the next 10 years, we plan to invest more than \$4.2 billion to grow and modernize our port facilities, ensure the free flow of cargo, and minimize the impact we have on our surrounding communities.

At GPA, we measure success not only by how much and how quickly we move cargo, but also by how we're performing as good stewards of the environment.

A handwritten signature in black ink, appearing to read 'Griff Lynch'.

Griff Lynch, President and CEO, Georgia Ports Authority

GEORGIA PORTS BY THE NUMBERS

80 years in business since its formation in 1945.

2 seaports, **5** marine terminals, **2** inland sites.

\$4.2 billion planned investment in the next 10 years as part of its port master plan.

Nearly **1,800** employees & countless partners.

Moved **5.25 million** TEUs and **901,912** vehicles in one year.

Safety is our #1 corporate value.

Efficiency

Truck Turn Times: **34 minutes** for a single move and 54 minutes for a dual move at Garden City Terminal in 2024.

36 hours Average large vessel time at berth for 12,000 TEU vessel.

1 day Ship to Rail at Garden City Terminal.

Green Marine certified in 2023.

Community

In 2023, GPA committed **\$6 million** over 8 years for housing in near-port communities.

\$750,000 allocated in program's first 12 months, for 73 home repairs, 16 home purchases, and 6 new constructions.

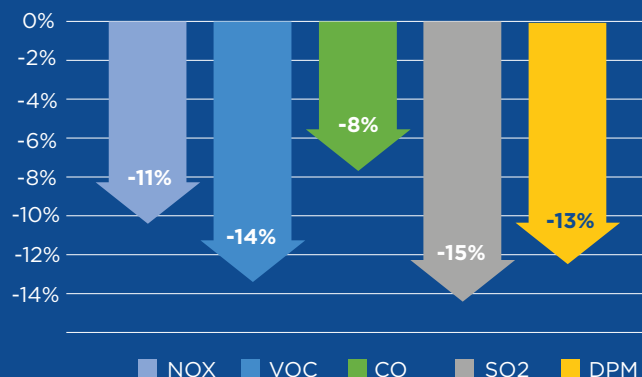
Air Emissions

244,327 Total Greenhouse gases (tonnes CO₂e).

11% decrease in CO₂e from reduced electricity consumption (2021-2023).

8-15% decrease in other Pollutants from 2021 to 2023.

Emissions Reductions: 2023 vs 2021



GOVERNANCE: GUIDING OUR SUSTAINABLE FUTURE

Sustainability is at the core of GPA's governance framework, aligning with its overall business success and future strategies. By ensuring that all plans, programs, and projects meet long-term sustainability goals, GPA reinforces its commitment to responsible growth and environmental stewardship. The integration of sustainability principles at the highest levels of decision-making reflects GPA's commitment to securing a prosperous and resilient future.

Framework & Accountability

In 2022, the Georgia Ports Authority (GPA) strategically aligned with Green Marine, the leading environmental certification program for the North American maritime industry. Participating in Green Marine drives GPA's continual improvements in sustainability while maintaining transparency for stakeholders and providing accountability for key performance indicators, goals, objectives, and environmental management. GPA is committed to integrating environmental, social, and governance (ESG) principles into its long-term plans. The goal is to meet or exceed environmental regulations, minimize pollution, and maintain effective and transparent communication with the community.

Benefits

Benefits of implementing the Green Marine program include clear targets for improvement over time. A tiered system encourages GPA to move from regulatory compliance (level 1) to environmental and sustainability leadership (level 5), promoting a continual improvement roadmap in each category. Independent auditors verify GPA's management practices with the program's standards, boosting transparency and accountability. Through Green Marine, GPA collaborates with other ports and stakeholders, ensuring alignment with best practices and evolving sustainability standards.

Our Results

GPA was officially awarded Green Marine certification status based on their third-party audit in 2024.



Path to Certification



Annual Self-Evaluation



External Verification



Publication of Results



Continual Improvement



Certification

Focus on the Future

As we look to the future, GPA remains committed to advancing our initiatives in alignment with the Green Marine framework. Our immediate priorities include reducing air emissions, enhancing spill prevention and waste management practices, strengthening environmental leadership, and deepening community engagement and support.

HEALTH & SAFETY

Safety is the #1 corporate value at Georgia Ports. We are committed to ensuring that everyone entering our facilities goes home the way they arrived.

The nearly 1,800 employees and countless partners who keep cargo moving through Georgia's ports are our most valuable resource. When 5.25 million TEUS come through the Port of Savannah, and 876,000 vehicles move via the Port of Brunswick, safety must be at the forefront of any efficient operation.

GPA's **Safety NONSTOP** program defines clear safety rules for every site, structured meetings focused on safety for both employees and our many partners, and a well-established Safety Observation Program. The emphasis is on a total safety culture, on the job, at home, and in the community.

- Structured meetings engage GPA employees and our key partners to improve safety.
- Monthly internal safety meetings bring together GPA department representatives to review metrics and discuss trends, enabling the departments to learn from each other and enhance overall safety practices.
- Quarterly external meetings are part of a collaboration with our industry partners to enhance safety for all port users and provide venues to share valuable insights between teams.
- Meetings with Gateway Terminals focus on safe container operations and identifying training opportunities.
- Meetings with Port of Brunswick stevedores and tenants focus on safety for Mayor's Point and Colonel's Island port users and identify training opportunities. Meetings with trucking company representatives allow us to share information on new processes, address concerns collaboratively, and enhance overall safety for the trucking community.



Safety performance

This long-term and consistent focus on safety provides ongoing improvements. Safety observations are up 235% and near miss hazard reporting has increased 39%, both based on a 3-year rolling average. Overall, injury rates are 31% better than the 3-year industry averages.

Focus on the Future

Staying on top of new safety practices and emergency response procedures requires working with local organizations and national experts to identify and mitigate new risks like those associated with electric vehicle batteries.

- Hosted an on-site operator rescue training drill with the Garden City Fire Department.
- Participated in a Joint Training Exercise hosted by the US Coast Guard to simulate a response to an electric vehicle (EV) fire onboard a Roll-on/Roll-off (RoRo) vessel.
- Participated in lithium-ion emergency response training hosted by the Tybee Island Fire Department and observed lithium-ion fire extinguisher testing with multiple local fire departments in attendance.

Air Quality and Climate

An air emission inventory estimates the amount of air pollutants and greenhouse gases (GHGs) released due to port operations. Regular updates of the emission inventories can be used to track emission trends over time and document the performance of emissions reduction measures.

GPA's latest Emissions Inventory for calendar years 2021 to 2023 calculates emissions of both greenhouse gases (GHG) and the Criteria Pollutants as defined by the US EPA. The inventory evaluates both landside and vessel emissions within GPA terminal boundaries.

Understanding the Emissions Inventory

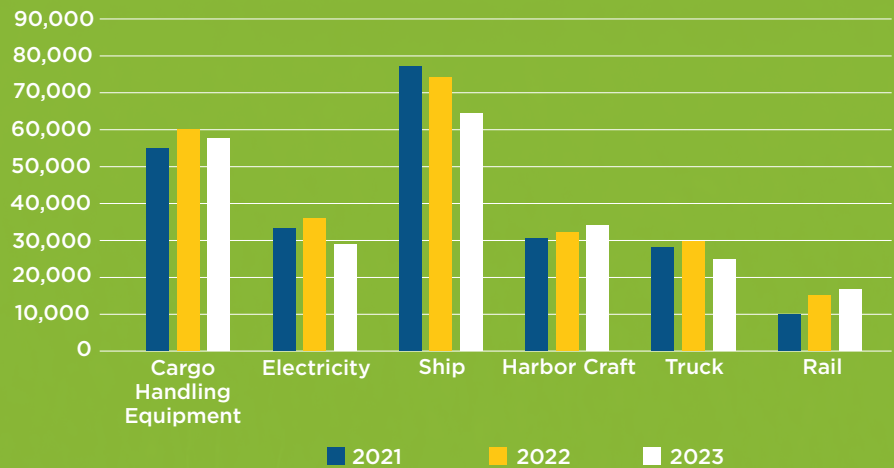
Port operations generate emissions when fossil fuels are consumed in the port's cargo handling equipment, and in trucks, trains, and ships that visit the port. GPA also tracks indirect GHG emissions emitted when our electric utility generates the electricity used on the port.

Greenhouse Gases (GHGs) and Climate

The primary GHG emissions associated with port activity include carbon dioxide (CO₂), nitrous oxide (N₂O), and methane (CH₄). These are generated by operating diesel engines on ships, trucks, trains and cargo handling equipment. For simplicity, GHG emissions are reported in tons of carbon dioxide equivalents (CO₂e). This value combines CO₂, N₂O and CH₄ emissions in a single value, weighed by its global warming potential.

GHG Emissions Trend by Source Category

(in Metric Tons of CO₂e)



The EPA categorizes GHGs as follows:

- **Scope 1** emissions result from sources that are directly controlled, owned or operated by the Port, such as cargo handling equipment on the terminals.
- **Scope 2** emissions are indirect emissions associated with purchased electricity. These emissions are included in the GPA inventory because they are an indirect result of port operations.
- **Scope 3** emissions are the result of activities of assets not owned nor directly controlled by GPA, but necessary for the operation of the port. Scope 3 includes the emissions from ships, harbor craft, trucks and railroad locomotives owned and operated by others.

Other Air Pollutants

Criteria pollutants from equipment operations include oxides of nitrogen (NO_x), fine particulate matter (PM), volatile organic compounds (VOC), carbon monoxide (CO) and sulfur dioxide (SO₂). The US EPA has set healthbased air quality standards for most of these pollutants. Diesel particulate matter (DPM) is also included in the inventory due to health considerations.

GPA's world-class efficiencies reduce the time ships, trucks and trains spend at the Port, reducing emissions of all types in the port area.

2023 GPA GHG emissions by source category

Scope		CO ₂ e (metric tons)	CO ₂ e (percent)
Scope 1	Cargo Handling Equipment	56,503	25%
Scope 2	Electricity	28,988	13%
Scope 3	Ocean-going Vessels, Harbor Craft, Trucks, Rail	138,836	62%
Total		224,327	100%

PROTECTING OUR ENVIRONMENT

GPA is committed to measuring, monitoring and improving its environmental performance.

Focus on the Future

The Emissions Inventory allows GPA to determine the significant sources of air pollutants from operations and target actions to reduce emissions. In the coming year, GPA will do the following:

For Scope 1

- Continue replacing diesel-powered cargo handling equipment with cleaner versions.
- Use renewable fuel or lower emitting alternative fuels where appropriate.

For Scope 2

- Explore options for cleaner and renewable electrical power.
- Valuate and implement projects to reduce energy use.

For Scope 3

- Identify and target Scope 3 emissions reduction strategies.
- Explore the development of shore power infrastructure for ships at berth.
- Leverage grant opportunities to accelerate environmental progress.

Sustainability is not just about protecting our planet; it is a holistic approach that embraces the well-being of people and communities. It's about nurturing quality of life, fostering community growth, and ensuring that everyone has a fair chance to thrive.

Education, Jobs, and Workforce Development Support

Wesley Community Centers of Savannah

The GPA donated \$50,000 to the Wesley Community Centers of Savannah and committed an additional \$100,000 over the next two years to renovate and reopen the Wesley Early Childhood Education Center.

YES + Student Mentoring Program

Since 2018 the YES+ (Youth Learning Equipment and Safety) workforce development program has provided high school graduates opportunities to start their careers at GPA.

Internship Program

GPA's annual internship program offers college students valuable hands-on experience at one of the nation's busiest seaports. Interns contribute to GPA and leave with tangible achievements to present to future employers.

Focus on the future: We are Listening to the Community

At GPA, our commitment to a better future extends beyond our terminals and into the heart of the community. We are building a foundation for long-term growth, sustainability, and opportunity through strategic investments and initiatives, such as empowering the next generation, creating career pathways, investing in housing and community development, and developing sustainable infrastructure for a greener tomorrow.

Traffic & Emissions

What We're Doing:

- **New Overpass:** GPA is investing \$29 million in an overpass at Ocean Terminal that will eliminate truck traffic from local roads by connecting directly to U.S. Route 17—no taxpayer dollars needed.
- **Truck Emissions Reduction Grant:** GPA secured \$7.5 million for domestic renewable diesel fuel through the 2023 Bipartisan Infrastructure Law.
- **Automated Traffic Management:** RFID tags and GPS now guide truck drivers, reducing the time spent in terminals by 15 minutes and reducing fuel costs and emissions.
- **Mason Mega Rail Project:** This initiative doubles rail capacity to 1 million containers annually while easing traffic congestion near Garden City Terminal.
- **Jimmy DeLoach Parkway Extension:** This dedicated highway provides truckers direct terminal access, reducing noise, congestion, and emissions on local commuter roads.

Boosting Workforce Development & Jobs

What We're Doing:

- In addition to the programs listed above, over the next six years big ship berth capacity will double, creating more opportunities for growth and employment.

SPOTLIGHT

Workforce Housing Initiative

In 2023, GPA committed \$6 million over eight years to enhance housing in near-port communities, benefiting low- and moderate-income homeowners, first-time buyers, and renters. In its first 10 months, the program allocated \$625,000 for 60 home repairs, 14 home purchases, and 6 new constructions in partnership with the City of Savannah, Housing Savannah, Inc., and the Community Housing Services Agency, Inc.

INVESTING IN COMMUNITY



Phillip and Lallian Green, and their grandchildren, enjoy their new home in Savannah, made possible through the Georgia Ports Workforce Housing Initiative.



A large container ship passes by City Hall on its way to the Port of Savannah, a popular sight for residents and visitors along the riverfront.

DRIVING ECONOMIC GROWTH

GPA plays a critical role in Georgia and the southeast's growing economic success. It supports local and regional manufacturing and jobs, providing access to parts, materials, and consumer goods from around the world.

GPA accomplishes this with an unwavering focus on efficiency and smooth operational flow, and by making safety, sustainability, the community, and the environment integral parts of its business planning and development strategies. GPA is top ranked in efficiency.

This benefits regional companies and consumers through quick, reliable deliveries and cost-effective exports. It benefits truck drivers with predictable pickup times and low turn times, providing stable incomes for their families. Truck Low/No-idling practices also reduce emissions, which benefits the environment and surrounding communities. Efficiency minimizes costs, energy consumption, and environmental impacts related to port services.

How does GPA include sustainability in business planning?

GPA plans to invest \$4.2 billion over the next ten years as part of its port master plan to expand cargo handling capabilities and support future supply chain needs. The GPA planning process:

- Considers safety first and includes community concerns and the environment in project evaluations.
- Identifies and addresses potential traffic impacts on nearby neighborhoods and reduces impacts by investing in measures such as separating port traffic from local traffic.
- Is investing in electric cranes and cargo handling equipment to reduce noise and air emissions.
- Incorporates federal and other grants where available to accelerate sustainability projects.



609,197

Jobs statewide

\$171

Billion in Sales

\$40

Billion in Income

\$5.3

Billion in State &
Local Taxes

- Reduces impacts by investing in measures such as separating port traffic from local traffic.

Focus on the Future

Initiatives that ensure GPA will continue to be a sustainable economic engine include:

- Updating facilities for efficiency and environmental performance enables more cargo throughput with minimal changes in boundaries in Savannah.
- A new EPA Clean Ports grant will provide \$48 million to fund both shore power for four berths and 16 electric jockey trucks and charging infrastructure.
- Significant federally funded projects at the Port of Brunswick will return the harbor to its full authorized depth and support increases in automobile storage and processing.
- Inland facilities help expedite efficient goods movement and provide new services, such as the Blue Ridge Connector and new cold chain rail capability.
- Creating new jobs both at the ports and regional GPA facilities as well as in new and growing businesses in our region.

A RICH HISTORY OF DOING GOOD

1997

GPA began donating to the United Way

Georgia Ports Authority (GPA) begins donating to the United Way to build healthy, strong communities.

1999

Began donating to the March of Dimes

GPA begins donating to the March of Dimes to foster healthy moms and strong babies.

2000

Implemented Navis and a two-stage truck gate

Navis engineering software is implemented along with a two-stage truck gate, drastically reducing truck idle time and emissions while entering and exiting facilities.

2002

Set aside 500 acres

GPA sets aside 500 acres of the Savannah River International Trade Park as a preservation site, adding an additional 171 acres in 2013.

2003

Reduced air pollutants

GPA begins converting ship-to-shore cranes to electricity, reducing environmental air pollutants.

2008

Granted a Diesel Emissions Reduction Act grant

A Diesel Emissions Reduction Act (DERA) grant is awarded to GPA to retrofit its entire Savannah fleet of cargo handling equipment (133 units).

2008

Converted fleet of container handling equipment

GPA converts its fleet of container handling equipment and trucks to ultra-low sulfur diesel, two years before a federal mandate to do so.

2009

Completed the construction of electric reefer racks

GPA completes construction of 34 electrified refrigerated storage racks at Garden City Terminal

2010

Completed the award-winning Cross Terminal Road

The award-winning Cross Terminal Road at Garden City Terminal is completed, featuring roundabouts, instead of four-way stops, to reduce truck idling and emissions.

2010

Upgraded 17 diesel RTGs

GPA upgrades 17 diesel RTGs to higher tier engines with variable alternators which reduce air emissions.

2011

Started single stream recycling

GPA begins single-stream recycling, which creates efficiencies and saves on waste.

2011

Installed an energy-saving lighting control system

GPA retrofits its existing container yard lighting panel boards and motor control centers to install a state-of-the-art energy saving lighting control system.

2013

GPA committed to protecting historic oaks

GPA is committed to protecting the historic oaks at Garden City Terminal, maintaining and planting trees to demonstrate how industry and the natural environment can coexist.

2014

The Port of Savannah began handling fruit from South America

The Port of Savannah begins handling fruit from South America that has undergone cold treatment, an environmentally friendly alternative to fumigation-based pest control methods which emit greenhouse gases into the atmosphere.

2014

Aided private truck operators

GPA begins aiding private truck operators in the purchase of cleaner operating over-the-road trucks through grants from the EPA's Diesel Emission Reduction Act program - with more than 200 trucks since.

2014

Retrofitted 11 switch locomotives to reduce idling

Through a GPA sub-grant to Rail Link, 11 switch locomotives placed in service between 1957 and 1978 are retrofitted with AESS, a system which controls excessive engine idling, reducing emissions.

2014

Awarded for diesel reduction

American Association of Port Authorities awards GPA the Environmental Enhancement Award for its voluntary diesel reduction through investment in equipment.

GOOD AND GIVING BACK

2015

Implemented General Cargo System software to provide real-time freight tracking

General Cargo System software is implemented, a new tracking system to process breakbulk cargo more quickly and efficiently and provide real-time freight tracking for GPA and its customers.

2016

Jimmy DeLoach connector connects Garden City Terminal to Interstate 95

The Jimmy DeLoach connector road opens, diverting truck traffic away from nearby communities and into Garden City Terminal.

2017

Won Atlanta E3 Award for Appalachian Regional Port

The Appalachian Regional Port (ARP) receives the Atlanta E3 Award, presented by Metro Atlanta Chamber to companies which reduce traffic congestion, improve air quality, increase fleet efficiency and more.

2018

Launched YES+ program

GPA launches YES+ (Youth learning Equipment and Safety) workforce development program for high school graduates ready to begin a career in the maritime industry.

2018

Mason Mega Rail uses electric rail-mounted gantries to reduce commuter idling

GPA breaks ground on the Mason Mega Rail, which will utilize electrified rail mounted gantry cranes, with on-terminal switching drastically reducing commuter idling and emissions at rail track crossings.

2018

Appalachian Regional Port (ARP) in Northwest Georgia opens, using electric rubber-tire gantry cranes

2020

Funding agreement with Tybee Island Marine Science Center

GPA begins a five-year funding agreement with the Tybee Island Marine Science Center, supporting conservation and research of area marine life.

2022

Dedication of Live Oak Park

GPA dedicates Live Oak Park as a green space for employees to exercise and recharge at Garden City Terminal.

2022

GPA stevedore partners combine to form Gateway Terminals

GPA's stevedore partners combine to form Gateway terminals and increase efficiency.

2022

Norfolk Southern awards GPA inaugural Thoroughbred Sustainability Partner Award for energy efficiency and environmental stewardship

2023

Georgia Steamship and Garden City Terminal West will use electric RTGs

2023

Single asset provider will improve benefits

A single asset provider of the Garden City Terminal chassis program is launched, providing newer, well-maintained chassis for efficient and safe operations.

2024

Green Team launches

Georgia Ports forms a new "Green Team," focusing on reducing emissions, improving waste management, and promoting energy efficient practices across port operations.

Coming soon:

Strengthening the Port of Brunswick's electrical infrastructure

The Port of Brunswick's Colonel's Island substation to be elevated, with strengthened power lines.

Northeast Georgia Inland Port connects region

The Northeast Georgia Inland Port (Blue Ridge Connector) will connect Northeast Georgia to the Port of Savannah, reducing highway congestion and emissions.

GPA implementing renewable diesel

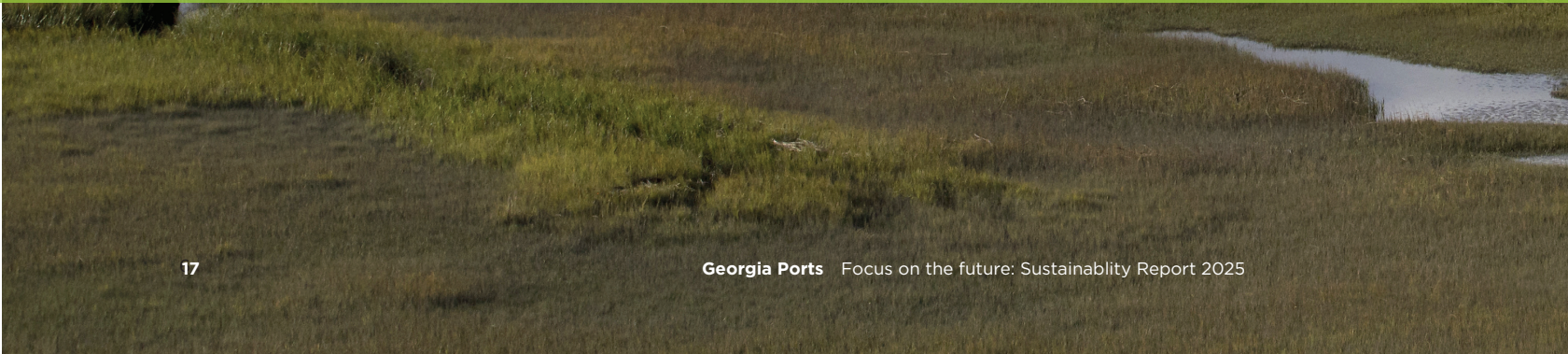
Georgia Ports in partnership with TCIO will be replacing conventional diesel with renewable diesel.

The Port of Brunswick South rail improvements

South Rail track Improvement in the Port of Brunswick, increasing rail capabilities to better serve customers.

GPA receives EPA Clean Ports grant

GPA has been selected to receive an EPA Clean Ports grant to upgrade the Port of Savannah and the Port of Brunswick with vessel shore power system and electric terminal tractors.





“At GPA, we measure success not only by how much and how quickly we move cargo, but also by how we’re performing as good stewards of the environment.”

Griff Lynch,
President and CEO, Georgia Ports Authority





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