



We use less TO
MOVE MORE

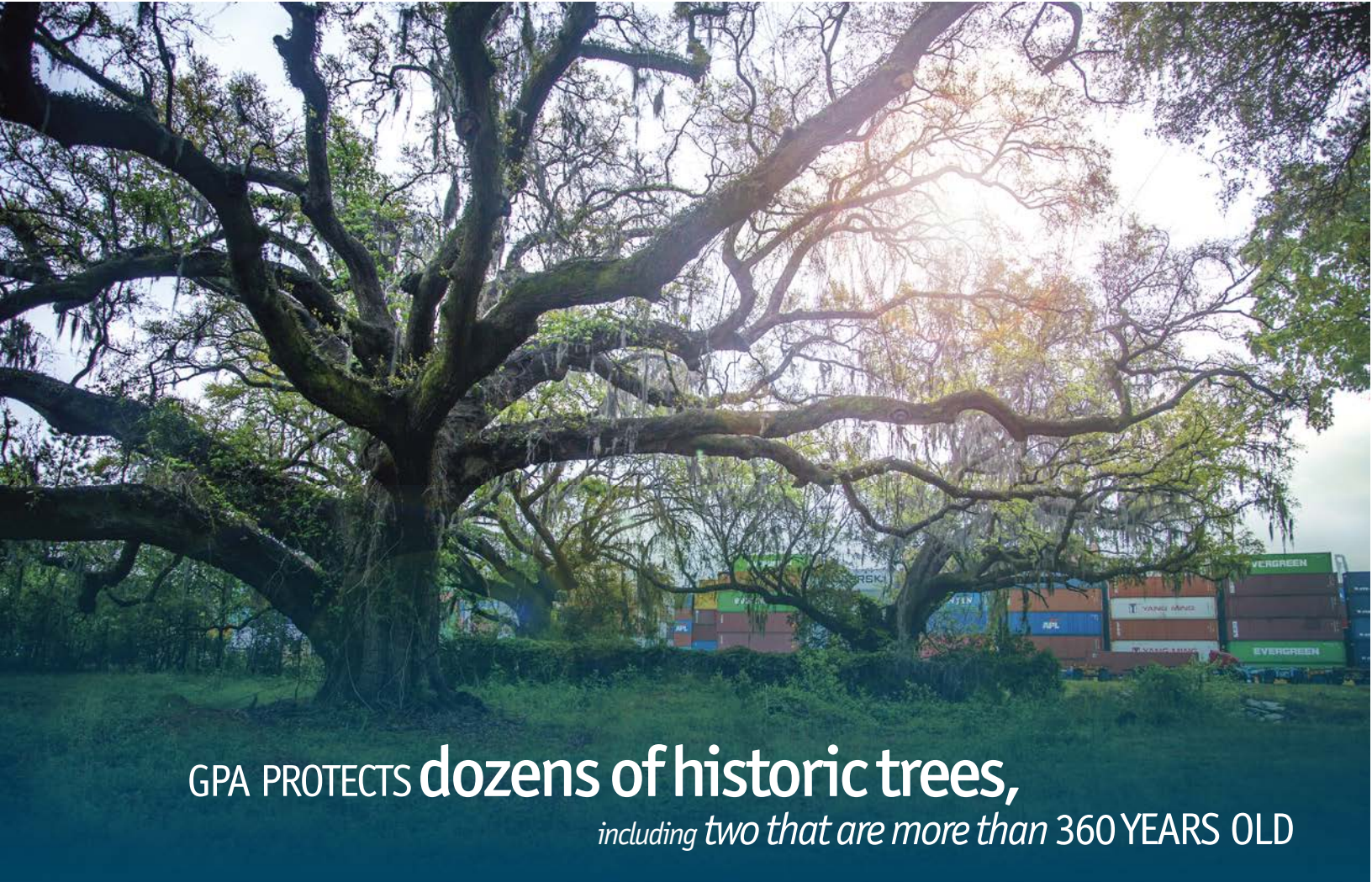
- Electrification Initiatives Avoid the Use of 5.8 Million Gallons of Diesel Annually
- North America's First Mobile Electrified RTGs
- Protecting the River With Storm Water Treatment
- High-tech Lighting System Cuts Light Pollution and Reduces Energy Use

Sustainability

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Georgia Ports Authority is committed to conducting port operations in an efficient and environmentally respectful manner. We continually improve our operations and facilities with these goals in mind. Our efforts to protect and preserve the surrounding wetlands, to reduce emissions, and to help our community include:

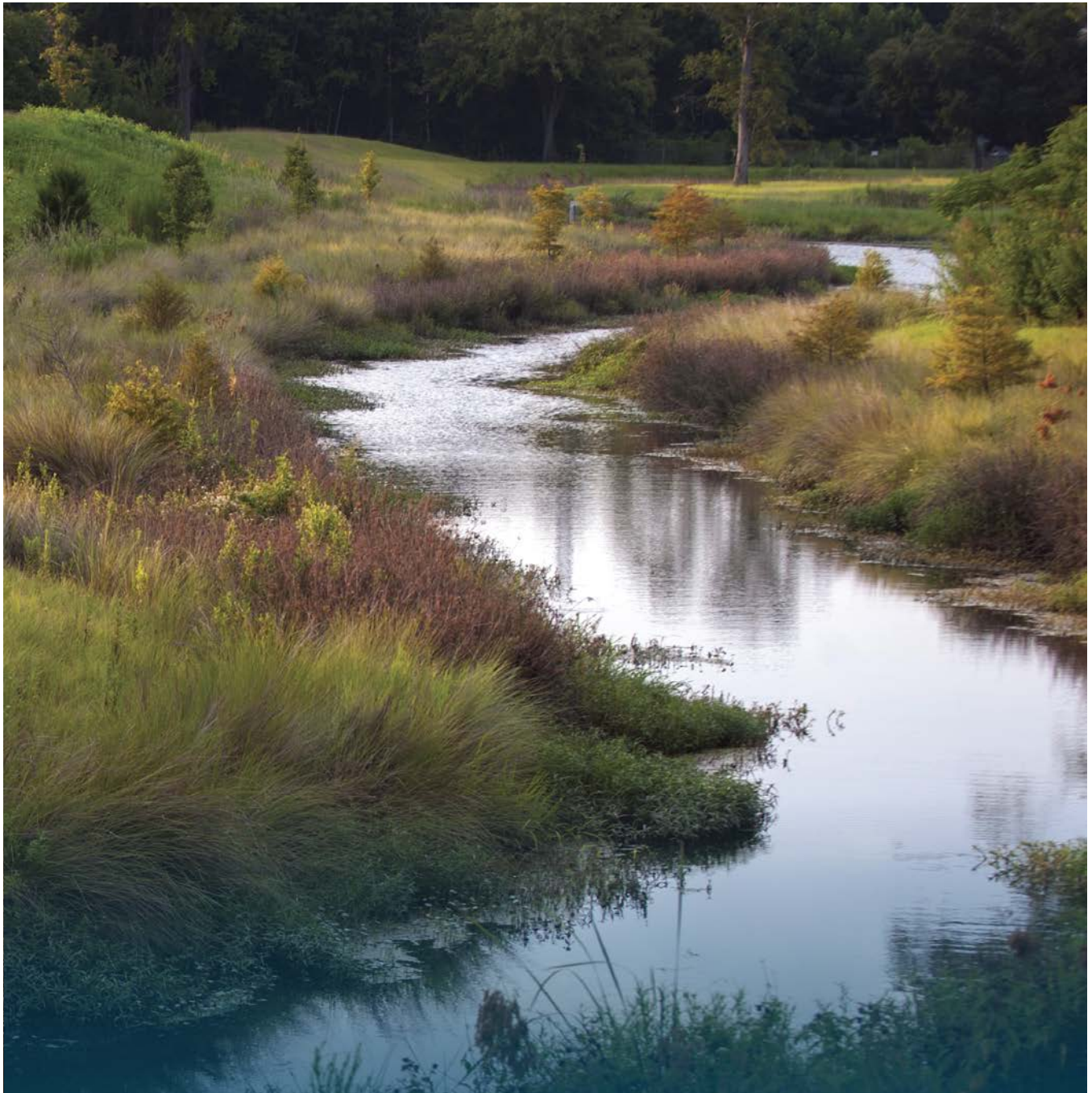
- Creating 14 acres of wetlands that treat 100 million gallons of water annually and are a diverse wildlife habitat in the heart of the fourth- busiest container terminal in the U.S.
- Protecting about a dozen trees that are more than 200 years old located on GPA's Garden City Terminal including two estimated to be more than 360 years old.
- Transitioning to electric-powered rubber-tired gantry cranes (eRTGs), the first of their kind in North America. The eRTGs reduce diesel consumption by up to 95 percent per crane.
- Using electrified ship-to-shore cranes that feature integrated generators that capture power while lowering boxes, producing enough energy to power themselves for 18 minutes of each operating hour.
- Instituting 84 refrigerated container racks, supporting farm exports, and avoiding the use of 4.5 million gallons of diesel annually.
- Reducing light pollution and energy consumption by up to 60 percent with new lighting controls and container yard light fixtures.
- Retrofitting 11 locomotives with automatic engine stop-start devices. These reduce idling and cut more than 52,000 gallons of diesel consumption and nearly 16 tons of emissions each year.
- Reducing truck idling time through automated gates, extended hours and the Port of Savannah's Cross Terminal Roadway, along with Last Mile road projects completed in conjunction with GA DOT.
- Retrofitting 20 RTGs with cleaner-burning diesel engines with variable alternators - reducing total annual diesel consumption by 152,000 gallons and emissions by almost 1,800 tons.
- Reducing idling time for trains, trucks and personal vehicles with improvements to on-terminal rail yards and by drastically reducing the use of 21 at-grade rail crossings.
- Sponsoring the Caretta Research project, which has released 212,000 sea turtle hatchlings.
- Go to gaports.com/sustainability for more information.



GPA PROTECTS **dozens of historic trees,**
including two that are more than 360 YEARS OLD



Electrification efforts, *including eRTGs, avoid the use*
of more than **5.8 million gallons of diesel ANNUALLY**



14 Acres of CREATED WETLANDS *treat*
100 million gallons *of water annually*

V.Feb-2015