



**Maryland  
Green Registry  
MEMBER**

*The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.*

# **Boland Trane Services, Inc.**

**BOLAND**

30 West Watkins Mill Road, Suite 300  
Gaithersburg, MD, 20878  
(240) 306-3266  
www.boland.com  
HVAC contractor  
*Member since December 2024*

## **Management and Leadership**

### **Environmental Policy Statement**

*Today, Boland's mission is simply to make buildings better. Better buildings are healthy, energy efficient, and productive – which is better for people and the planet. Boland helps clients optimize their buildings while meeting their building, business, and sustainability goals – from providing comfortable indoor environments and saving money to meeting greenhouse gas (GHG) emissions reduction goals. See page 3 of the [2023 Boland Annual Sustainability Report.pdf](#)*

### **Environmental Team**

*The team sets annual goals related to our four Commitments (pg. 7 of Sustainability Report), then meets on a monthly basis to report progress. See pg. 33 of Boland Sustainability report.*

### **Annual Environmental Goals**

*See pg. 6 of Sustainability Report.*

#### **Reduce Client GHG Emissions**

- *Increase energy efficiency in buildings*
- *Transition out of high-global warming potential refrigerants*
- *Promote clean technologies that heat and cool buildings sustainably*

#### **Lead by Example**

- *Reduce Boland operations' GHG emissions by 25% by 2030*

- Reduce water usage at Boland facilities
- Reduce waste to landfill in Boland operations

### **People & Philanthropy**

- Create a positive and productive working environment in which our diverse associates, partners, and clients are empowered to work, learn, grow, and thrive
- Utilize recruitment, hiring, and retention strategies that embrace diversity and increase participation of underrepresented groups
- Inspire others by making a positive impact on our community through direct donation, volunteerism, and environmental impact

### **Market Leadership**

- Empower and educate HVAC professionals to provide solutions that directly impact the world's clean energy future
- Represent, inform, and advocate for the HVAC industry as a decarbonization solution

### **Environmentally Preferable Products and Services**

For over 60 years, [Boland](#) has provided sustainable and energy-efficient HVAC solutions for commercial, institutional and industrial buildings. The leading intelligent building technology and energy services provider in the DC/MD/VA metro area, our 350+ highly-trained associates include 160 CFC certified, 9 PE (Professional Engineer), 9 CEM (Certified Energy Manager) and 11 LEED® Accredited Professionals

### **Ecological Restoration and Community Environmental Projects**

Our Boland family assists a variety of organizations in the area, each that does very different things for our community. Some of the events that we are proud to have hosted through Boland Cares include Rise Against Hunger, Children's Inn at NIH, Habitat for Humanity, Operation Second Chance/Ride Allegheny, Heats On Water's Off (MCAMW & Local 602). On Earth Day each year a group of our associates picks up trash in our area (pg 18 Sustainability Plan).

## Waste

### **Solid Waste Reduction and Reuse**

Boland has programs in place to reuse packaging as much as possible. This includes using small boxes and air pillows for internal shipping among warehouse locations, donating larger boxes to associates for their personal use (moving boxes, storage, or hobbies), and giving wood pallets away for associates that do woodworking or donating to local nonprofits that need them.

*Another example of reuse is Boland donates 55-gallon containers to an associate for his Boy Scout Troop to use for their annual floating dock project. This gives the containers another life and prevents the Troop from having to buy new containers.*

*Boland aims to operate our office environments with minimal waste. We recycle cardboard, plastics, and aluminum wherever possible. We strive to operate our business with minimal impact on the environment. We underwent a paperless transition in 2019 that resulted in an average of 67% less paper consumption each year. We invested in our business platforms and applications (Microsoft Office Suite, Client Portal, DocLink, Paperless Billing, etc.) that have all had an impact on our paper use. Boland also invested in reusable drinking thermoses and upgraded water coolers to further reduce our waste to landfill.*

**Recycling**

*Our goal in this category is to better understand and expand our recycling options with the county or private recycling collectors. We plan to have consultations with local recycling experts to determine where we can increase our recycling efforts. We also will provide feedback to our suppliers for packages that are irresponsibly packed. Continued and repeated environmentally irresponsible packaging will result in a decreased preference for that supplier. See pg. 19 of Boland Sustainability Plan.*

**Hazardous Waste/Toxic Use Reduction**

*We have programs in place to responsibly reclaim used refrigerants and recycle oil according to EPA guidance. Since 2018, we have repaired 565 refrigerant leaks, which avoided hidden refrigerant release into the atmosphere. Continued increases in our preventative maintenance contract base will further increase our reach in this specialty while helping our clients achieve their Scope 1 fugitive GHG emissions goals. This is especially crucial for buildings with high GWP refrigerants, like R-22 and R-410a. See pg. 17 of Boland Sustainability Plan.*

**Energy**

**Energy Efficiency**

*As a building energy systems expert, Boland understands the importance and challenge of making buildings more energy efficient. We evaluate all buildings in terms of energy supply and demand side and thus plan to evaluate all our facilities' energy supply contracts, as well as audit their energy consumption and demand to determine reduction opportunities. See pg. 11 of Boland Sustainability Plan.*

*In 2023, Boland reduced total building energy usage for our facilities including locations in Gaithersburg, Largo, and Lanham, Maryland; and Chantilly, Virginia, resulting in a 21% GHG emissions reduction (metric tons CO<sub>2</sub>e) compared to a 2018 baseline.*

## Transportation

### **Employee Commute/Customer Travel**

*Boland has a “Public Transportation Policy” that provides associates with a financial incentive to use public transportation. Boland also encourages hybrid work, with most associates being either hybrid or fully remote. See pg. 20 of Boland Sustainability plan.*

### **Efficient Business Travel**

*In 2012, Boland developed a remote services program giving our technicians the ability to securely connect to qualified systems via the internet to resolve issues and perform certain maintenance tasks without driving to the site. In 2023, Boland technicians took 631 remote service calls, eliminating 505 truck rolls, and preventing an estimated 25.3 metric tons of GHG emissions. This innovative technology has helped drive faster responses for the client, save them money, as well as help Boland better manage our labor pool. See pg. 13 Boland Sustainability Plan.*

### **Efficient Fleet Vehicles**

*Boland provides HVAC maintenance and repair services to thousands of buildings throughout the Washington, DC metropolitan area. Our team of 150+ technicians performs maintenance as well as responds to emergency service calls both onsite and remotely. Our technician truck fleet represents the largest portion of our company’s carbon footprint. To reduce emissions and lower operational costs, Boland has been converting our fleet of service vans systematically over time to more compact, fuel-efficient vehicles.*

*In addition to this, Boland service coordinators make an effort to create efficient and effective routes for our technicians. In 2023, Boland realized a 23% fleet GHG emissions intensity reduction based on a 2018 baseline. This is a result of converting the fleet systematically over time to more compact, fuel-efficient vehicles. See pg. 13 Boland Sustainability Plan.*

## Water

### **Water Conservation**

*Boland understands that water is a finite resource, and therefore is committed to analyzing how water is used in all locations for cafeterias, bathrooms, water fountains, irrigation systems, and HVAC systems. In the absence of historical usage data for all locations, a plan to measure, baseline, and set reduction goals accordingly will be*

*developed and implemented in 2025. Water for the Gaithersburg location comes from the Potomac and Patuxent Rivers.*

*The local water company, WSSC Water, maintains six water resource recovery facilities in Montgomery County and Prince George’s County. Since this water goes back to the Chesapeake Bay, Boland realizes its responsibility to use less water to help maintain the bay levels as well as reduce water pollution. See pg. 14 Boland Sustainability Plan.*

### **Environmental Certification Programs, Awards, and Other Activities**

- ☑ *In 2023, Boland decided to advance our sustainability efforts by rating our company using the EcoVadis Sustainability Rating system. Ecovadis is the world's largest ESG ratings platform, used by 130,000 companies in 180 countries around the world. We scored 60/100 which is in the 77<sup>th</sup> percentile of companies rated and received a “Silver” rating. See pg. 5 Boland Sustainability Plan.*

