



News Release

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FOR IMMEDIATE RELEASE

**BENDIX ADDED SOLAR ARRAYS, WON LEED SILVER CERTIFICATION,
AND ACHIEVED CONTINUED ZERO-WASTE AND ENERGY MILESTONES IN 2022**

*Company Marked Additional Reductions in CO₂ Emissions and Energy Consumption
as It Certified Zero Waste to Landfill Across More Locations*

AVON, Ohio – March 20, 2023 – A LEED Silver certification for the company's headquarters location, a second trophy from the U.S. Department of Energy, and a governor's award for the company's first solar installation.

These are the latest publicly recognized distinctions reflecting the energy, zero-waste, and sustainability milestones large and small that Bendix Commercial Vehicle Systems LLC (Bendix) achieved in 2022.

Bendix is the North American leader in the design, development, and manufacture of active safety, air management, and braking solutions for commercial vehicles. Its sustainability journey has followed that of its parent company, Knorr-Bremse, based in Munich, Germany, the global market leader for braking systems and a leading supplier of other safety-critical rail and commercial vehicle systems.

Over the past decade, both organizations have focused on achieving reduced energy use, increased waste diversion, and improved energy efficiency in alignment with the United Nations' (U.N.) ambitious Sustainable Development Goals (SDGs). The 17 overarching environmental objectives promote prosperity while protecting the environment. Two of the objectives – Responsible Consumption and Production (encompassed within SDG 12) and Climate Action (the focus of SDG 13) – have been central to Bendix's sustainability efforts.

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Like Knorr-Bremse, Bendix is striving to cut its carbon emissions in half by 2030, using energy efficiency projects, zero-waste operations, and renewable energy generation to do this. These same efforts continued to define Bendix's energy and environmental strategies in 2022. By the end of the year, Bendix implemented projects that helped reduce its energy consumption by more than 9 million kilowatt-hours over the most recent three-year period. The company also added two new solar installations, achieved zero-waste certifications at nine locations, and continued to focus on a zero-waste approach to resource management.

"2022 was an outstanding year for Bendix's energy, environmental, and sustainability performance," said Maria Gutierrez, Bendix senior director, environmental, social, and governance (ESG). "As we settled into our Avon, Ohio, headquarters and implemented energy efficiency and environmental improvements across more operations this year, team members contributed to our missions of reduced energy use and eliminating wastes. As a result of all of our efforts, we continued to shrink Bendix's carbon footprint in North America. The accolades we received are testimony to that teamwork and commitment."

A Growing Presence in Solar Power

Bendix also succeeded in increasing its use of clean, renewable energy during 2022, allowing for further reductions in the company's use of fossil fuels. By the end of the year, the company was operating three solar installations – trimming CO₂ emissions as well as energy costs.

The company's first solar array, a 1.168-megawatt installation at the Huntington, Indiana, manufacturing complex, completed its first full year of operation in 2022. Commissioned in August 2021, it was the largest such installation in Huntington County. At full capacity, the project can produce 1.5 million kilowatt-hours of electricity annually from its 2,612 solar panels.

In 2022, the installation met its production goals, satisfying 30% of the electrical demand at Huntington Plant 1. This energy source also provided a 19% reduction in the campus' carbon footprint. And by producing this energy, Bendix saved more than \$140,000 in energy costs, an amount that exceeded company estimates.

In another energy milestone, the company completed its second solar project in 2022 with the December startup of two solar arrays at Bendix Acuña manufacturing plants 1 and 2. The installations – each capable of generating 1,000 megawatt-hours of electricity annually – are expected to supply about 11% of each plant's electricity needs.

The \$1 million solar project was the first of its kind among the region's numerous manufacturers. Together, the arrays, comprising nearly 2,600 photovoltaic panels, are expected

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to reduce CO₂ emissions at the Acuña campus by about 9%, decreasing reliance on the local power grid and reducing Bendix's carbon footprint in pursuit of sustainability.

Bendix's commitment to solar power through these installations also earned the spotlight in 2022: In May, the U.S. Department of Energy (DOE) named the Huntington installation a 2022 Better Project award winner in the DOE's Better Plants Program. Awards in this category honor innovative, industry-leading work in energy efficiency, water efficiency, emissions reduction, and waste reduction.

And in September, Huntington's installation earned the Indiana Department of Environmental Management (IDEM) 2022 Governor's Award for Environmental Excellence in the category of Energy Efficiency/Renewable Resources. The annual awards, reserved for the state's most innovative, sustainable, and exemplary programs, honor projects or programs that prevent pollution by either reducing energy use or by producing energy using zero- or very-low-emission technologies.

"We are tremendously proud to have received both the Indiana Governor's Award and the Department of Energy's Better Plants Award for our Huntington project," Gutierrez said. "This was the second year in a row that Bendix has been recognized by the U.S. Department of Energy. In 2021, we earned DOE recognition for the company's Zero Waste to Landfill certification process."

Achieving Zero Waste to Landfill for the Third Year

Bendix also marked gains in its zero-waste initiatives by integrating additional sites in its performance evaluations during 2022. Eight Bendix manufacturing locations succeeded in achieving the company's official Zero Waste to Landfill certification. Joining those eight sites was Bendix's headquarters location in Avon, which achieved the certification during its first full year of operation.

The program uses a detailed self-certification process where each location must meet several requirements related to waste management, waste diversion, and continuous improvement to verify that the site is diverting 100% of its waste from being landfilled. Seven Bendix locations have achieved the certification for three years running.

During 2022, Bendix's wholly owned subsidiary, R.H. Sheppard Co., Inc., based in Hanover, Pennsylvania, continued to work toward the zero-waste certification. Bendix acquired the operation in 2020 and included its waste performance achievements within corporate totals

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for the first time in 2022. The operation is on track to achieve the Zero Waste to Landfill certification by 2024.

With the addition of new Bendix locations in its metrics, including R.H. Sheppard, Bendix diverted 78% of all waste from landfill in 2022 and had 23,369 tons of excess or spent materials diverted, recycled, or reused.

“Bendix sites use a combination of tactics to achieve our Zero Waste to Landfill certification – these include recovery, recycling, composting, and waste-to-energy (WTE), to consistently divert 100% of industrial and nonindustrial wastes from landfill,” said Bill Schubert, Bendix corporate manager, environmental and sustainability. “Our hierarchy prioritizes waste elimination, followed by reduction, reuse, recycling, and reclamation. If any of these strategies cannot be used, sites can consider waste-to-energy technologies or incineration to manage wastes.”

In achieving the certification, each location also depends on a combination of practices to drive waste reduction or elimination. These include the company’s Sustainable Food Service Policy eliminating plastic water bottles and Styrofoam products; centralized waste collection and spent material audits; and the use of WTE technologies, composting programs, and, in Acuña, food waste digesters. The digesters have diverted about 50 tons of food waste per year from being landfilled.

A Growing Network of ISO 14001 Certifications

Laying the groundwork for Bendix’s zero-waste program is a continuously evolving ISO 14001-certified environmental management system. The ISO 14001 standard, created by ISO, the International Organization for Standardization, provides best practices for organizations to follow and share when creating and documenting environmental management systems. Bendix has pursued ISO 14001 certification for its environmental management systems since 2010.

In 2022, Bendix advanced its commitment to continuously improved environmental management systems by incorporating the Avon headquarters location and two additional locations – R.H. Sheppard and Bendix’s technical center in Monterrey, Mexico – into the company’s existing ISO 14001 corporate certification.

Besides fulfilling customer obligations, achieving ISO 14001 certification demonstrates Bendix’s commitment to compliance and to continuous improvement of its environmental management systems in support of overarching sustainability goals.

Ongoing Green Team Outreach

Bendix's internal Green Teams, dedicated to raising awareness of environmentally sustainable practices both inside and outside the company, continued their efforts during 2022 with multiple events and programs.

The employee-led teams, charged with identifying and coordinating projects, sponsor companywide and location-specific activities for employees and their families. The projects are designed to help educate and encourage team members to incorporate more environmentally sustainable practices in their daily activities.

For example, in April, the Green Teams commemorated Earth Day by sponsoring Bendix's second annual litter cleanup campaign, focused in areas near Bendix's North American locations. Together, participants picked up some 3,805 pieces of litter during the multiweek effort.

Avon's Green Team also spearheaded multiple efforts at the headquarters location designed to promote environmentally responsible waste management. These included a Christmas light collection and recycling program, pumpkin composting, and e-waste collections.

The Avon Green Team also sponsored and managed Avon's first employee-managed community garden on the Avon campus. Green Team members planted and tended the garden all summer, harvesting a bounty of herbs, fruits, and vegetables that was shared with employees.

Avon Headquarters Wins LEED Certification

Yet another proud achievement during 2022 was the Avon headquarters winning LEED Silver certification. LEED, which stands for Leadership in Energy and Environmental Design, is administered by the U.S. Green Building Council. The most widely used green building rating system in the world, LEED certification is also a globally recognized symbol of sustainability and leadership.

Bendix's headquarters building – which consists of a main building totaling more than 200,000 square feet and a free-standing, multi-bay commercial vehicle garage – has been certified to LEED Silver v4, a newer and more rigorous set of requirements than earlier versions. According to LEED data for Ohio, the building was the first in Avon to achieve LEED Silver v4 certification. Following a nearly 19-month sustainably focused construction project, the company opened for business at the site in November 2021.

Bendix's facilities and HSE (health, safety, and environment) teams worked together closely on the LEED certification effort, incorporating the LEED framework and principles

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throughout the building's design and construction phases. Together, they contributed to the building's comprehensive energy strategy and to material selection, office layout, recycling programs, and indoor air quality.

"From the use of high-efficiency building materials to a parking lot that supports electric vehicle charging, Bendix invested in LEED and made it a core part of our building program," Gutierrez said. "This commitment to LEED principles has been part of Bendix's philosophy for decades. So earning the distinction in Avon is a meaningful and significant reflection of our long-standing sustainability strategy focusing on reduced energy consumption, diverting waste from landfill, and increasing our use of clean, renewable energy."

About Bendix Commercial Vehicle Systems LLC

Bendix Commercial Vehicle Systems, a member of Knorr-Bremse, develops and supplies leading-edge active safety technologies, energy management solutions, and air brake charging and control systems and components under the Bendix® brand name for medium- and heavy-duty trucks, tractors, trailers, buses, and other commercial vehicles throughout North America. An industry pioneer, employing more than 4,400 people, Bendix – and its wholly owned subsidiary, R.H. Sheppard Co., Inc. – is driven to deliver the best solutions for improved vehicle safety, performance, and overall operating cost. Contact us at 1-800-AIR-BRAKE (1-800-247-2725) or visit [bendix.com](https://www.bendix.com). Stay connected and informed through Bendix expert podcasts, blog posts, videos, and other resources at [knowledge-dock.com](https://www.knowledge-dock.com). Follow Bendix on Twitter at twitter.com/Bendix_CVS. Log on and learn from the Bendix experts at [brake-school.com](https://www.brake-school.com). And to learn more about career opportunities at Bendix, visit [bendix.com/careers](https://www.bendix.com/careers).

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