

## Sustainability Within Boeing's Four Walls

Sustainable aerospace starts inside our factories and worksites. We are focused on continuous improvements across key elements, including greenhouse gas emissions (Scope 1 and 2), energy usage, water and waste management.

### SUSTAINABLE OPERATIONS FOCUS AREAS



#### Innovation and Engagement

We foster sustainable behaviors, innovation and efficiency among our workforce, integrating sustainability into our Boeing Production System and providing training and recognition programs for developing sustainable habits.



#### Efficiency and Conservation

We prioritize responsible resource use, implementing measures to reduce consumption and waste generation and optimizing building and equipment performance to achieve our sustainable operations targets.



#### Site Infrastructure Investment







We are focused on improving efficiency, extending equipment longevity, reducing resource use, receiving LEED certification on new construction whenever possible, and achieving operational greenhouse gas emissions reduction targets primarily through renewable electricity.



#### Resilience and Risk Management






We are preparing for the future by assessing and mitigating environmental risks as well as remediating our legacy environmental impacts.

### HIGHLIGHTS

-  In 2023, Boeing achieved most of our **2025 environmental sustainability targets two years early.**
-  In two years, we've made substantial strides in transitioning 15 of our facilities to 100% renewable electricity, achieving **39% renewable electricity** procurement through direct purchases and renewable energy credits in 2023, a 16% increase from 2022.
-  In 2023, Boeing **invested \$20 million in projects** that significantly reduced energy use, which included boiler replacement and updated lighting and insulation.
-  Boeing is using **energy performance contracting (EPC)**, a financing technique that uses energy cost savings from reduced consumption to repay the cost of installing the conservation measures. LED lighting, for example, can pay for today's facility upgrades with tomorrow's energy savings.
-  Boeing was ranked **21st** in the **Green Power Partnership Fortune 500 Companies**, surpassing other aerospace companies. Boeing ranked **No. 31** in the **Environmental Protection Agency's Green Power Partnership National Top 100 list.**
-  Boeing was recognized with the U.S. Environmental Protection Agency's **ENERGY STAR Partner of the Year Award**, Sustained Excellence category, for its work in 2023.

## Operational Targets Progress

In 2017, we set challenging sustainability targets in our factory and worksite operations as a company to guide our actions. In 2023, Boeing achieved most of our 2025 environmental sustainability targets two years early.

PERFORMANCE AREA	2025 TARGETS*	2023 PROGRESS
 Greenhouse Gas Emissions	Reduce emissions by 25%	↓ 37%
 Energy	Reduce energy consumption (natural gas, other fuels and electricity) by 10%	↓ 12%
 Water	Reduce water withdrawal by 20%	↓ 19.5%
 Solid Waste	Reduce solid waste to landfill by 20%	↓ 28.6%
 Hazardous Waste	Reduce hazardous waste by 5%	↓ 24.9%

\*Sustainable operations targets shown are absolute targets, established against a 2017 baseline, and not indexed to production levels or growth. All 2025 reduction targets were set with an operational boundary of the Core Metric Sites, which represent the majority (>70%) of Boeing's operations, and include emissions from electricity use and natural gas.

## Market-Based Measures (Offsets and Carbon Removals)

Boeing's "avoid first, remove second" strategy prioritizes avoiding Scope 1 and Scope 2 carbon dioxide emissions in the first place as the most direct way to reduce our carbon footprint. For emissions that are hard to abate, we are increasing investment in permanent carbon removal.

We offset our Scope 3 business travel emissions. In 2024, Boeing moved from using offsets for our Scope 1 and Scope 2 carbon dioxide emissions and toward supporting our evolved carbon management strategy of avoid first, remove second. Since 2020, we voluntarily offset our Scope 1 and Scope 2 carbon dioxide emissions across manufacturing sites and other operations facilities, in addition to offsetting our Scope 3, Category 6 — Business Travel emissions, using traditional carbon offsets, which will continue to represent an important part of our portfolio just as they will for our customers as we approach the mandatory phase of the industry's goal.