

City of
Hendersonville
Exploratory Green
Partnership
Initiative

September 16th 2024

General Thoughts for Purpose

The intention of the Green Partnership Initiative is to invite businesses to share their efforts and sustainability practices and demonstrate how those practices reflect the City of Hendersonville Strategic Sustainability plan.

The Sustainability Plan focuses on five key areas to reduce environmental impact and strengthen our community:

Five Focus Areas

- 1.Energy:** Initiatives to improve energy efficiency and increase the use of renewable energy sources.
 - 2.Transportation:** Efforts to promote sustainable transportation options and reduce emissions from vehicles.
 - 3.Waste Management:** Strategies to minimize waste generation and enhance recycling and composting programs.
 - 4.Land Management:** Policies to protect natural resources, maintain green spaces, and promote sustainable land use.
 - 5.Water:** Measures to conserve water, improve water quality, and manage stormwater effectively¹²³.
- These focus areas aim to reduce the city's greenhouse gas emissions by 30% by 2035

Walmart Key aspects of Sustainability Actions and Goals

1. Climate and Emissions Reduction:

- **Zero emissions by 2040:** Harvesting enough wind, solar, and other energy sources to power their facilities and vehicles (including long-haul trucks) with low-impact refrigerants and electrified equipment.
- **Avoiding gigatons of greenhouse gas emissions:** Working with suppliers to reduce emissions.

Walmart Key aspects of Sustainability Actions and Goals

2. Nature Conservation:

- **Preserving natural habitat:** Supporting efforts to preserve at least one acre of natural habitat for every acre of land they develop in the U.S.
- **Regenerative agriculture:** Promoting sustainable farming practices.
- **Forest protection and restoration:** Ensuring responsible forest management.
- **Sustainable fisheries management:** Supporting practices that protect marine ecosystems.

3. Waste Reduction:

- Walmart is eliminating waste along the product chain.

Walmart

Goal: Achieve zero emissions across global operations by 2040:

Sub-goal: Reduce absolute global scopes 1 & 2 GreenHouse Gas emissions 35% by 2025 and 65% by 2030 from 2015 base year 1 (approved as science-based and classified as 1.5°C-aligned, [Science Based Targets initiative \(SBTi\)](#))

Sub-goal: Power 50% of our global operations with renewable sources of energy by 2025 and 100% by 2035

Walmart

Goal: Reduce or avoid one billion metric tons (MT) of CO₂e emissions in the global value chain by 2030 (Project Gigaton) [7,8](#)

Reduced or avoided CO ₂ e emissions reported by suppliers cumulatively since CY2017	>416 million MT	>574 million MT	>750 million MT
Reduced or avoided emissions reported by suppliers in reporting year	>186 million MT	>158 million MT	>175 million MT
Number of suppliers reporting	>1,500	>2,500	>3,000

Walmart

Annual greenhouse gas (GHG) emissions (million metric tons carbon dioxide equivalent – MMT CO ₂ e) ²	CY2020 Total: 15.86 Scope 1: 7.25 Scope 2 (market- based): 8.61	CY2021 Total: 14.17 Scope 1: 7.38 Scope 2 (market- based): 6.79	CY2022 Total: 14.62 Scope 1: 7.88 Scope 2 (market- based): 6.74
Percent change in annual scopes 1 & 2, compared to 2015 baseline ³	CY2020 20.3% decrease	CY2021 24.4% decrease	CY2022 21.2% decrease
Percent change in scopes 1 & 2 annual emissions (vs. previous year) ³	CY2020 7.6% decrease	CY2021 5.1% decrease	CY2022 4.1% increase
Carbon intensity (scopes 1 & 2) (MT CO ₂ e per \$M revenue) ^{2, 4}	CY2020 28.37	CY2021 24.74	CY2022 23.92
Percent change in carbon intensity, per revenue (vs. previous year) ^{2, 4}	CY2020 13.6% decrease	CY2021 12.8% decrease	CY2022 3.3% decrease
Total Scope 1 & 2 emissions (MMT CO ₂ e)	15.86	14.17	14.62

Kimberly Clarke - Sustainability initiatives and goals 2030

Social Impact: They aim to improve the well-being of 1 billion people in underserved communities through programs like Toilets Change Lives, No Baby Unhugged, and the Kotex® She Can initiative¹.

Plastics Footprint: They plan to reduce their plastics footprint by 50% from the 2019 baseline².

Footprint: They aim to cut their reliance on natural forest fiber by 50% from the 2011 baseline by 2025².

Kimberly Clarke – Sustainability initiatives and goals 2030

Carbon Footprint: They are working to reduce their absolute greenhouse gas emissions (Scope 1 and Scope 2) by 50% from the 2015 baseline²

Water Footprint: They aim to reduce the water footprint of their mills in water-stressed areas by 50% from the 2015 baseline²

Kimberly Clarke reduce plastic footprint
50%/2030 from 2019 baseline

Reduction and Material Efficiency: They aim to
minimize the use of plastics through better
design and material efficiency¹.

Renewable, Recycled, or Biodegradable

Substitutes: They are increasing the use of
renewable, recycled, or biodegradable materials
in their products and packaging¹.

Reusable Products: Introducing more reusable

Kimberly Clarke reduce plastic footprint 50%/2030 from 2019 baseline

Recycling and Recovery: They are working to recover and recycle plastic manufacturing waste and post-consumer waste¹.

Circular Systems: Supporting the development of circular systems and solutions to ensure that materials can be reused or recycled effectively¹.

Additionally, they aim to have 20% average recycled content across their plastic packaging by 2025 and ensure that 100% of their packaging is compatible with either biological or technical circularity systems by 2025¹

Selee

- SELEE's CS-X filters represent a significant leap in filtration technology for aluminum cast houses. By eliminating phosphate, these filters set a new standard in terms of environmental responsibility.

1. **Innovative Design:** The CS-X filters are engineered to provide superior filtration without the drawbacks of phosphate materials.

2. Phosphate pollutes lakes, rivers and the ocean in a process known as eutrophication. This leads to algal blooms which contaminate supplies of drinking water and create oxygen-starved dead zones, which can kill fish and other aquatic species. It destroys soils basically the very things we depend on

- **SELEE Corporation Announces \$7 Million Investment in**

Mast General Store Sustainability and Community Stewardship

- 1. Community Land Trusts:** All Mast General Stores are located in land trust communities. These nonprofit, community-based organizations ensure community stewardship of the town's land¹.
- 2. Historic Preservation:** The stores often occupy historic buildings, which they renovate and maintain, preserving the architectural heritage of the communities they serve².
- 3. Local Products:** They offer a variety of locally produced goods, supporting local economies and reducing the carbon footprint associated with long-distance shipping³.
- 4,** Locally Mast General pays their employees an

Comments

Jane

Edgar