



Corporate EV Commitments Case Study

Walmart

As companies expand their climate ambitions, more are adding transportation-related emissions reduction commitments to their organizational goals. To help stakeholders understand how large U.S.-based companies are thinking about reducing their transportation emissions, David Gardiner and Associates (DGA) developed a Corporate Electric Vehicle (EV) Commitments Tracker, which examines companies' commitments to reduce transportation emissions; adopt EVs, including medium- and heavy-duty (MHD) vehicles; and implement EV charging solutions.

In addition to the Tracker, DGA is publishing a series of case studies highlighting companies whose commitments to and innovation in reducing their transportation emissions can help inform other organizations looking to decarbonize.

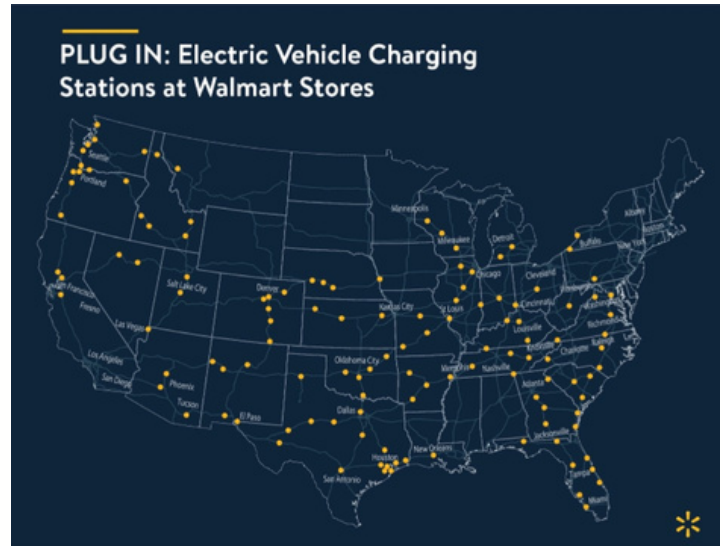
Walmart, a retailer with more than 10,500 stores globally, has taken significant steps to decarbonize its global value chain of more than 100,000 suppliers.[1] In 2021, Walmart was part of the partnership that launched the Race to Zero Retail Breakthrough Campaign to achieve net-zero emissions in the retail sector by 2050.[2] Walmart's current goal is to achieve net-zero emissions across its global operations by 2040, reducing absolute Scopes 1 and 2 greenhouse gas (GHG) emissions by 35% by 2025 and 65% by 2030 compared to a 2015 base year.[3]

As for its Scope 3 goals, Walmart committed to pursuing substantial emissions reduction across product supply chains by establishing initiatives like Project Gigaton as well as electrifying its own fleet and implementing customer charging infrastructure at retail sites.

In 2017, Walmart created Project Gigaton to engage suppliers and other stakeholders to pursue climate action. The initiative's goal is

to reduce or avoid one billion metric tons of GHGs from the global value chain by 2030. To date, more than 4,500 suppliers have formally signed on to reduce emissions across the key areas of energy use, nature, waste, packaging, transportation, and product use and design.[4]

As for their own transportation, Walmart is working to electrify its fleet and reach net-zero emissions from its vehicles and transportation network including long-haul trucks in the U.S. and Canada by 2040. Walmart plans to transition to electric battery, renewable diesel, and hydrogen-fueled vehicles and scale charging at its own facilities to achieve this goal.[5] As of 2020, Walmart had 1,396 EV charging stations located at more than 347 retail locations across 41 U.S. states.[6] Furthermore, in 2022 Walmart announced that a fleet of 100% all-electric delivery vans would support the expansion of its InHome delivery service.[7] The company has already agreed to purchase 5,000 delivery vans from Brightdrop to support this expansion as well as 4,500 all-electric delivery vehicles from Canoo to deliver online orders.[8] In addition to bringing electric vans to scale, Walmart is also



Map of electric vehicle charging stations at Walmart Stores [9]

working to transition long-haul heavy-duty Class 8 tractors where the technology is still in early stages.[10]

Walmart's decarbonization activities provide a compelling example of how retailers' climate ambitions can have broad reaching effects across the transportation sector and global supply chain.

This case study is a part of the Corporate EV Commitments Tracker. You can explore the full tracker and its findings [here](#).

[1] Walmart Corporate. "Product Supply Chain Sustainability," July 21, 2022. <https://corporate.walmart.com/esgreport/esg-issues/product-supply-chain-sustainability>.

[2] Walmart Corporate. "Product Supply Chain Sustainability."

[3] Walmart Corporate. "Climate Change." Accessed July 25, 2022. <https://corporate.walmart.com/global-responsibility/sustainability/planet/climate-change#renewable-energy-and-efficiency>.

[4] Walmart Sustainability Hub. "Project Gigaton." Accessed July 25, 2022. <https://www.walmartsustainabilityhub.com/climate/project-gigaton>.

[5] Walmart Corporate. "Climate Change."

[6] Walmart Corporate. "Climate Change."

[7] Walmart Corporate. "Walmart to Expand InHome Delivery, Reaching 30 Million U.S. Homes in 2022," January 5, 2022. <https://corporate.walmart.com/newsroom/2022/01/05/walmart-to-expand-inhome-delivery-reaching-30-million-u-s-homes-in-2022>.

[8] gobrightdrop. "BrightDrop Announces Walmart as New EV Customer and Expands Collaboration with FedEx at CES," January 5, 2022. <https://www.gobrightdrop.com/newsroom/brightdrop-adds-walmart-and-grows-collaboration-with-fedex>.; Walmart Corporate. "Walmart To Purchase 4,500 Canoo Electric Delivery Vehicles To Be Used for Last Mile Deliveries in Support of Its Growing ECommerce Business," July 12, 2022. <https://corporate.walmart.com/newsroom/2022/07/12/walmart-to-purchase-4-500-canoo-electric-delivery-vehicles-to-be-used-for-last-mile-deliveries-in-support-of-its-growing-ecommerce-business>.

[9] Walmart Corporate. "Electrify America, Walmart Announce Completion of Over 120 Charging Stations at Walmart Stores Nationwide with Plans for Further Expansion," June 6, 2019. <https://corporate.walmart.com/press-center/electrify-america-walmart-announce-completion-of-over-120-charging-stations-at-walmart-stores-nationwide-with-plans-for-further-expansion>.

[10] Walmart Corporate. "Climate Change."