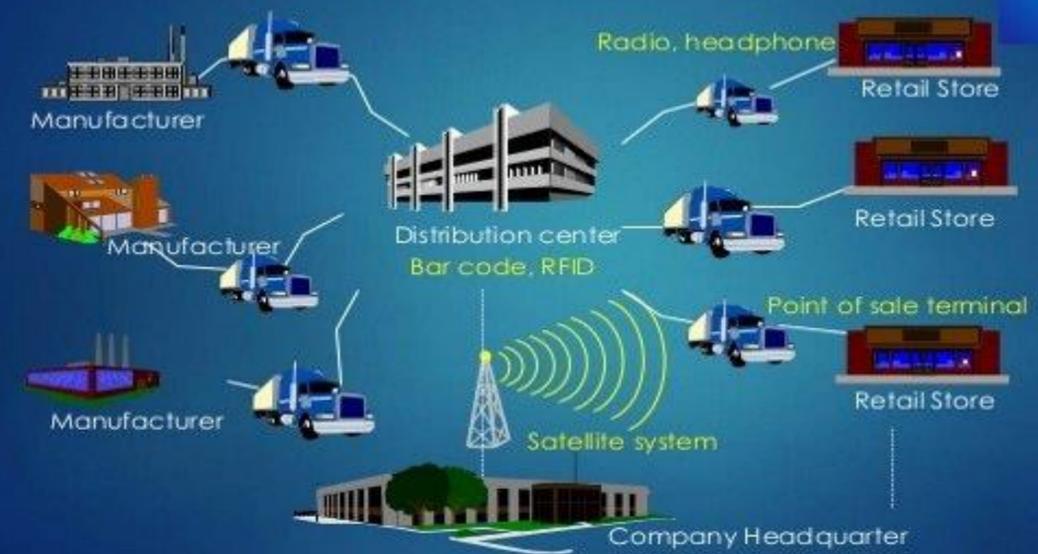


Introduction

As a major player in the retail industry, the Top global retailer is responsible for reducing its carbon emissions. The transportation sector, including the Top global retailer's supply chain, is a significant contributor to carbon emissions. The top global retailer can set an example for other companies by taking action to reduce its carbon footprint. This can also lead to long-term cost savings and improved supply chain efficiency. It is important for Top global retailers to prioritize sustainability and take action toward reducing their carbon emissions.



ZERO EMISSIONS 2040



Reference and Acknowledgments

- Carbon Trust. "Briefing: What Are Scope 3 Emissions?" <https://www.carbontrust.com/Our-Work-And-Impact/Guides-Reports-And-Tools/Briefing-What-Are-Scope-3-Emissions>, 25 Feb. 2019, www.carbontrust.com/our-work-and-impact/guides-reports-and-tools/briefing-what-are-scope-3-emissions.
- "Pathways to Net Zero: The Decisive Decade." *EDF+Business*, business.edf.org/insights/pathways-to-net-zero-the-decisive-decade/. Accessed 5 Apr. 2023. We would like to thank the Data Mine staff for all their guidance and support.

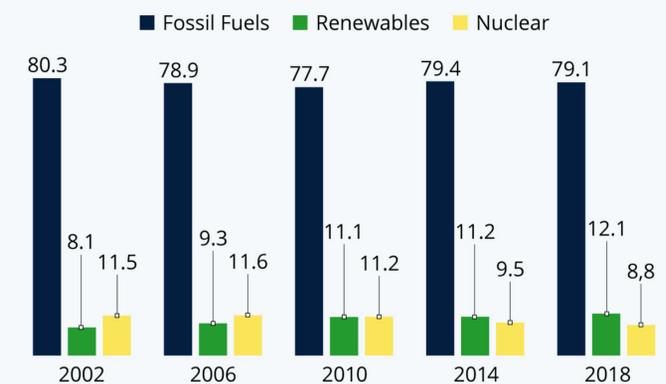
RESEARCH METHODOLOGY

Reducing carbon emissions in the Top global retailer's supply chain requires a multifaceted approach.

- To increase the use of renewable energy sources in Top global retailer's operations. It has already set a goal to power 50% of its operations with renewable energy by 2025.
- To improve the efficiency of transportation. The top global retailer can work with suppliers and transport providers to optimize delivery routes and reduce the number of empty trucks on the road.
- Encourage suppliers to reduce their own carbon emissions by setting sustainability standards and working with them to implement best practices.

U.S. Renewable Energy Production Steadily Growing

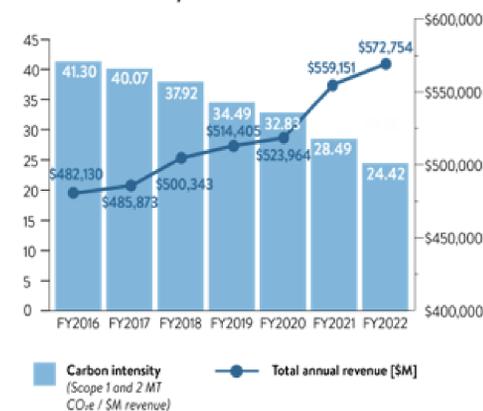
Percentage of U.S. energy production every four years



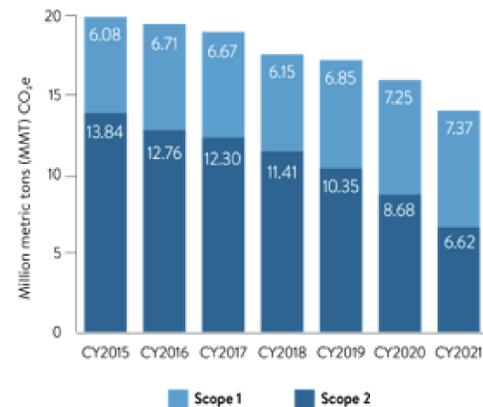
Source: U.S. Energy Information Administration



Carbon intensity



Annual GHG emissions



FUTURE GOALS

As a Top global retailer continues to work towards reducing carbon emissions in its supply chain, it has set ambitious goals for the future.

- Become a Regenerative Company:** Top global retailer aims to become a regenerative company by 2040, working to restore and replenish natural resources and communities.
 - Achieve Zero Emissions:** Top global retailer aims to become regenerative by 2040, restoring natural resources and communities.
 - Protect, Manage, and Restore One Billion Acres of Land and Sea:** Top global retailer aims to protect, manage, and restore one billion acres of land and sea by 2030, including forests, grasslands, and wetlands, and promote sustainable agriculture and fisheries.
- The top global retailer has set interim targets to help track progress toward the 2040 goal. For example, the top global retailer aims to use 100% renewable energy in its own operations by 2035 and plans to electrify all its vehicles, including long-haul trucks, by 2040.

Conclusion

In conclusion, reducing carbon emissions in the Top global retailer's supply chain is a crucial step in addressing the urgent issue of climate change. The top global retailer has the opportunity and responsibility to lead the way in this effort and can do so by increasing its use of renewable energy, improving transportation efficiency, and working with suppliers to reduce emissions.