

Natural Gas Fleet Case Study



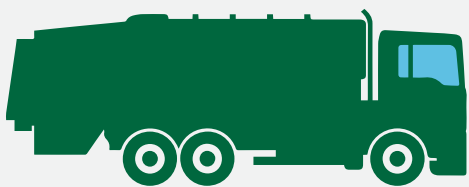
Waste Management

Waste Management (WM) operates the largest vocational heavy-duty fleet in North America, with more than 6,000 CNG trucks in operation. The company has been a pioneer in natural gas since the early 1990s and has invested more than \$1 billion in low-emission vehicles and fueling infrastructure.

WM has invested in state-of-the-art technology to produce renewable natural gas (RNG) fuel from organic waste. WM uses the RNG to fuel its collection fleet, lowering fuel costs and reducing GHG emissions by more than 80% compared to those powered by diesel.

“For every diesel truck replaced with natural gas, we reduce our use of diesel by an average of 8,000 gallons annually and GHG emissions by 22 metric tons per year, which equates to a 21% GHG emissions reduction per truck.”

- Leading Change, 2016 Sustainability Report, Waste Management



6,000+ natural gas trucks in operation



80% of new trucks purchased are NGVs



30% of all WM collection trucks are NGVs



100+ WM natural gas stations



163,000 metric tons of GHGs reduced annually using natural gas fuel



720 million diesel gallons displaced over the useful life of WM's existing natural gas trucks

45+ million gallons of natural gas supplied at WM's natural gas stations per year

16+ million gallons of RNG produced by harnessing the methane in WM's landfills

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Learn more by visiting www.ngvgamechanger.com