



Maryland Green Registry MEMBER

The Maryland Green Registry promotes and recognizes sustainable practices at organizations of all types and sizes. Members agree to share at least five environmental practices and one measurable result while striving to continually improve their environmental performance.

Volvo Group Trucks



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Manufacturing
Member since April 2014

Management and Leadership

Environmental Policy Statement

http://www.volvogroup.com/sitecollectiondocuments/vghq/volvo%20group/volvo%20group/our%20values/environment/policy_environment_volvo_eng.pdf

Environmental Team

Our Environmental team is led by our Environmental Manager, Mark Pannell and supported by Environmental & Energy Coordinator, Dee Spolarics. The team includes cross-functional resources. Our mission is to focus on the Volvo Group Environmental Care vision – characterized by a holistic view, technical development, continual improvement, and resource efficiency.

Annual Environmental Goals

Volvo Group Trucks in Hagerstown is part of the Department Of Energy - Better Plants Challenge Program. Our initial commitment of 25% energy efficiency improvement by the end of 2020 was achieved five years early in 2015. Since then we have re-pledge for another 25% energy efficiency improvement by the end of 2025.

Volvo Group Trucks in Hagerstown received our Superior Energy Performance – Platinum certification in November 2014 and again in October

2017. This is a combined ISO 50001 / ANSI/MSE 50021 certification for an Energy Management System (EnMS).

Volvo Group Trucks in Hagerstown has set Key Performance Indicators (KPIs) to achieve improvements in Waste reduction, Energy consumption, Water consumption, and CO₂ emissions.

Environmentally Preferable Products and Services

Volvo Group Trucks in Hagerstown develops and produces the cleanest heavy-duty diesel engine in the world. We were the first engine manufacturer to be 2010-certified by the EPA and the California Air Resources Board (CARB). Today, our engines focus on climate change, targeting Carbon Dioxide (CO₂), Nitrous Oxide (N₂O), and Methane (CH₄) with CO₂ reduction being the predominant objective. Meanwhile, the engines we produce are creating value for our customer by providing even greater fuel efficiency than anticipated.

Environmentally Preferable Purchasing

Volvo Group Trucks in Hagerstown utilizes reusable/returnable shipping containers for component and unit transports.

Independently-Audited Environmental Management System

Volvo Group Trucks in Hagerstown is ISO 14001 certified.

Waste

Solid Waste Reduction and Reuse

Through enhanced recycling efforts Volvo Group Trucks Hagerstown reduced total waste generated per unit by 24% between 2017 and 2019. Waste that cannot be recycled efficiently is now being sent to Entsorga, a solid recovery fuel (SRF) facility. Entsorga converts this waste to a clean burning alternative fuel which will be used by large energy users as an alternative or supplement to fossil fuel.

Recycling

2019 Recycled materials and quantities:

Metal: 6,538,236 lbs.

Cardboard: 1,028,340 lbs.

*Recycled Pallets and Wood: 988,000 lbs.
Universal Waste: 5,180 lbs.
E-waste: 6,919 lbs.
Used Oil: 46,913 gallons
Recycled Totes and Drums: 16,540 lbs.*

Energy

Energy Efficiency

Volvo Group Trucks in Hagerstown continues to implement a variety of projects to reduce energy:

- 1. Lighting System Retrofits: Over 10 million kwh conserved*
- 2. Crankshaft Grinder replacements: 1.16 million kWh conserved*
- 3. Flange Grinder replacement: 190,000 kwh conserved*
- 4. Regenerative dynamometers utilization: 2.2 million kwh conserved*
- 5. Condenser Pump VFD upgrade: 1.15 million kwh conserved*
- 6. Crankshaft Induction Hardening Unit Upgrade: 636,000 kwh conserved*
- 7. 1.32 MW Solar Canopy installed 2015*
- 8. 2.2 MW Solar Farm installed 2016*

Transportation

Efficient Business Travel

Volvo Group Trucks in Hagerstown utilizes Lync for video/audio conference calls and presentations to reduce the amount of international and domestic travel.

Profile Updated February 2020



Help build a greener, more sustainable Maryland through voluntary practices that reduce environmental impacts and save money.

Learn more at green.maryland.gov

