



Project Green Fleet FAQs

A Minnesota Environmental Initiative Project

1. Is participation in Project Green Fleet REALLY free?

Yes! The generous support of Project Green Fleet's sponsors will cover all retrofit equipment and installation costs. Project Green Fleet is supported by Andersen Corporation, Blue Cross and Blue Shield of Minnesota, City of Rochester, Flint Hills Resources, Mayo Clinic Foundation, Minnesota Pollution Control Agency, Minnesota Power, Rochester Public Utilities, U.S. Environmental Protection Agency Regions 5, 6 & 7, Washington County, and Xcel Energy.

2. What diesel emission reduction technologies are installed through Project Green Fleet?

Project Green Fleet installs two different pieces of pollution-control equipment on school buses: a diesel oxidation catalyst (DOC), housed in the muffler, and a closed-crankcase filtration system (CCFS). These are extremely cost-effective technologies that reduce diesel exhaust by more than 30%, and are now required on most new diesel vehicles. These diesel emission reduction technologies are verified by the U.S. Environmental Protection Agency (US EPA).

3. What about long-term maintenance, costs, and warranties?

After installation, the DOC requires no ongoing maintenance. The crankcase filtration system requires a filter change approximately twice per year. Replacement filters are about \$50 each, and Project Green Fleet will provide two filters per bus free of charge. Project Green Fleet and the equipment vendor maintain communication with fleets should questions about the equipment arise any time after installation. Installation of pollution control equipment has no effect on a vehicle's existing warranty.

4. Does the retrofit equipment have any impact on vehicle performance?

According to the US EPA's voluntary retrofit program, retrofit devices like oxidation catalysts have minimal impact on a diesel vehicle's performance and fuel economy.

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5. Which buses are eligible for retrofits through Project Green Fleet?

Project Green Fleets targets school buses that are likely to have five or more years of expected operating life, and that lack the emission controls found on some of the newest school buses (generally those built before 2007).

6. Where can I find more information about retrofit equipment?

More information about retrofit equipment and projects is available on the following websites:

US EPA's Clean School Bus USA program
<http://www.epa.gov/otaq/schoolbus/index.htm>

Minnesota Pollution Control Agency's diesel retrofit page
<http://www.pca.state.mn.us/air/cleandiesel.html>

7. How can I participate in Project Green Fleet?

School bus owners and operators can complete a contact form on the project's website by clicking on 'How to Participate.' Visit www.projectgreenfleet.org to learn more.

School bus owners and operators can also get started by contacting Jordan Hansen at 612-334-3388 ext.104 or jhansen@mn-ei.org.

8. How does participating in Project Green Fleet work?

- A staff member from the Minnesota Environmental Initiative (MEI) will work with you to collect information about your school bus fleet and will provide fleet information to the equipment vendor.
- The equipment vendor will help determine which buses are eligible for retrofits and what equipment is needed. The equipment vendor also sets up a plan for equipment installations based on the needs of the school bus owner or operator.
- MEI staff will finalize the list of equipment to be ordered for the school bus fleet and will place the equipment order. It takes between 4-6 weeks for equipment to be manufactured and shipped.
- Installation of both pieces of equipment takes a total of three to four hours per bus. Installations can be completed by trained installers, or can be completed by the school bus owner or operator. Installation training is provided to school bus owners and operators wishing to complete installations in house.
- Project Green Fleet covers the cost of installation, installation training and pollution control equipment.

This project is supported by the American Recovery and Reinvestment Act of 2009.
For a list of all sponsoring organizations visit www.projectgreenfleet.org



Project Green Fleet is a project of the Minnesota Environmental Initiative

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