



### Environmental Stewardship Categories

1. Environmental Policy
2. Environmental Management System
3. Annual Environmental Report
4. Carbon Footprint Analysis
5. Environmental Purchasing Policy
6. Vendor/Supply Chain Requirements
7. Mentoring to Other Businesses
8. Outreach Program
9. Green Building Certification
10. Green Building Implementation
11. Life Cycle Assessments
12. Hazardous Materials Reduction
13. Water Use Reduction
14. Material Conservation
15. Employee Trip Reduction
16. Process/Operation Energy Use Reduction
- 17. Transportation Energy Use Reduction**
18. Renewable Energy Use
19. Environmental Enhancement Projects
20. Innovative Program
21. EPA Voluntary Programs



### **New Jersey Department of Environmental Protection**

Bob Martin, Commissioner

Chris Christie, Governor

Kim Guadagno, Lt. Governor

**For more information visit:**

<http://www.stewardship.nj.gov/>

**Or Contact:**

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# Transportation Energy Use Reduction



Part of the **Environmental Stewardship Initiative**: a voluntary program that utilizes existing Department infrastructure and personnel to capture information during routine enforcement inspections and recognize members of the regulated community who are engaging in positive activities that benefit the environment.

## Qualifying for Transportation Energy Use Reduction Stewardship Recognition

To receive stewardship recognition for **TRANSPORTATION ENERGY USE REDUCTION**, a site must have employed a program that has substantially improved its energy efficiency by implementing changes in transportation used, excluding employee trip reduction programs. Recognition will be given to facilities for practices such as upgrading their fleets with hybrid or other low emission vehicles or by switching to cleaner burning fuels. However, because efficiency is expected to steadily increase and carries automatic economic savings, improvements should be within the last 5 years despite their ongoing contribution.



## Energy efficiency through **TRANSPORTATION ENERGY USE REDUCTION**

\*Changes to fleet should be clearly observable or documented

\*Reduction must have occurred within the past five years



\*Transportation adjustments must have potential to noticeably reduce a site's carbon footprint



## Alternatives that can contribute to **TRANSPORTATION ENERGY USE REDUCTION:**

- ⇒ Biodiesel
- ⇒ Compressed Natural Gas (CNG)
- ⇒ Electric vehicles (EVs)
- ⇒ Ethanol (E85) & Flexible Fuel Vehicles
- ⇒ Hydrogen & Fuel Cell Vehicles
- ⇒ Liquefied Petroleum Gas
- ⇒ Neighborhood Electric Vehicles (NEVs)

## Did you know?

1. Biodiesel contains no petroleum but can be blended with petroleum diesel to make a blend that can be used in diesel engines with no major modifications.
2. Biodiesel is biodegradable, non-toxic and essentially free of sulfur and aromatics.
3. Hydrogen is the simplest, lightest and most plentiful element in the universe.
4. Though it has a lower energy rating than gasoline, the high octane rating of ethanol results in increased engine efficiency and performance.

For more information on **TRANSPORTATION ENERGY USE REDUCTION**, visit:

**Consumer Energy Center — Alternative Fuel Vehicles**

<http://www.consumerenergycenter.org/transportation/afvs/index.html>

**EERE: Vehicle Technologies Program**

<http://www.eere.energy.gov/vehiclesandfuels/>

**US DOE Alternative Fuels & Advanced Vehicles Data Center**

<http://www.afdc.energy.gov/afdc/>