



A **stronger** economy.

A **healthier** environment.

*SmartWay*  
*Transport Partners*  
**DELIVER.**



## SmartWay Transport Partnership Overview

# What is the SmartWay Transport Partnership?

- **Voluntary partnership between EPA and the freight industry that will:**
  - Increase energy efficiency and energy security
  - Reduce air pollution and greenhouse gases
- **Emission Reduction Goal:**
  - 150 million barrels of oil each year (12 million cars off the road)
  - 33 to 66 million metric tons CO<sub>2</sub> annually by 2012
  - 200,000 tons NOx annually, plus PM and air toxics benefits
- **Three major SmartWay Transport components:**
  - Corporate Partnerships
  - National Transportation Idle-Free Corridors
  - Rail/Intermodal Operations

# Why Do We Need SmartWay Transport?

- **Truck and Rail:**
  - Consume over 35 billion gallons of fuel
  - Account for nearly 20% of transportation related energy use
  - Produce approximately 350 million metric tons of CO<sub>2</sub>
- **Over the next decade this impact will increase dramatically**
  - Increasing internet sales
  - Faster delivery schedules

**35 Billion Gallons**



**45 Billion Gallons**



# Current SmartWay Transport Partners

## Carriers

FedEx Express\*  
HEB Grocery\*  
Roadway Express\*  
Schneider National, Inc.\*  
Swift Transportation\*  
United Parcel Service\*  
Yellow Transportation\*  
American Cartage  
Averitt Express  
Bison Transport  
Camionage C.P. Inc.  
Commercial Transportation  
FMI International  
International Motor Freight  
Lakeville Motor Express  
McKelvey Trucking Company  
Paschall Truck Lines Inc  
DHL  
IdleAire Technologies  
J.B. Hunt Transport

Metropolitan Trucking  
Southeastern Freight Lines  
Texas DOT  
Texas Star Express  
TP Freight Lines  
CSX\*  
Braun's Express  
GI Trucking Company  
Arnold Transportation Services  
Estes Express  
Vitran Logistics  
AMI Leasing  
Arnold Transportation Services  
Bridgestone/Firestone North American Tire  
Cardinal Logistics Management  
Coca-Cola Enterprises, Inc.  
Central Freight Lines  
FedEx Freight  
Interstate Distributor Co.

## Shippers

Canon, Inc.\*  
H-E-B\*  
IKEA\*  
Interface\*  
Nike\*  
Norm Thompson\*  
The Home Depot\*  
Dell  
Clean Diesel Technologies  
Volvo Logistics North America  
Michelin North America

# How Do Shippers Become Partners?

*Carriers deliver the majority of reductions, Shippers help deliver the carriers*

- **Shippers:**

- Commit to ship over 50% of their goods with SmartWay Transport Partner carriers within 3 years
- Assess and commit to improve their facility transportation emissions within 3 years:
  - Forklifts, generators, loaders, amount of truck idling at facility, intermodal
- Sign the Partnership Agreement

- **Shipper partners can use the logo when they:**

- ARE shipping 50% of their goods with SmartWay Transport Partner carriers

# How Do Carriers Become Partners?

*Any size or type of carrier or fleet can join the Partnership*

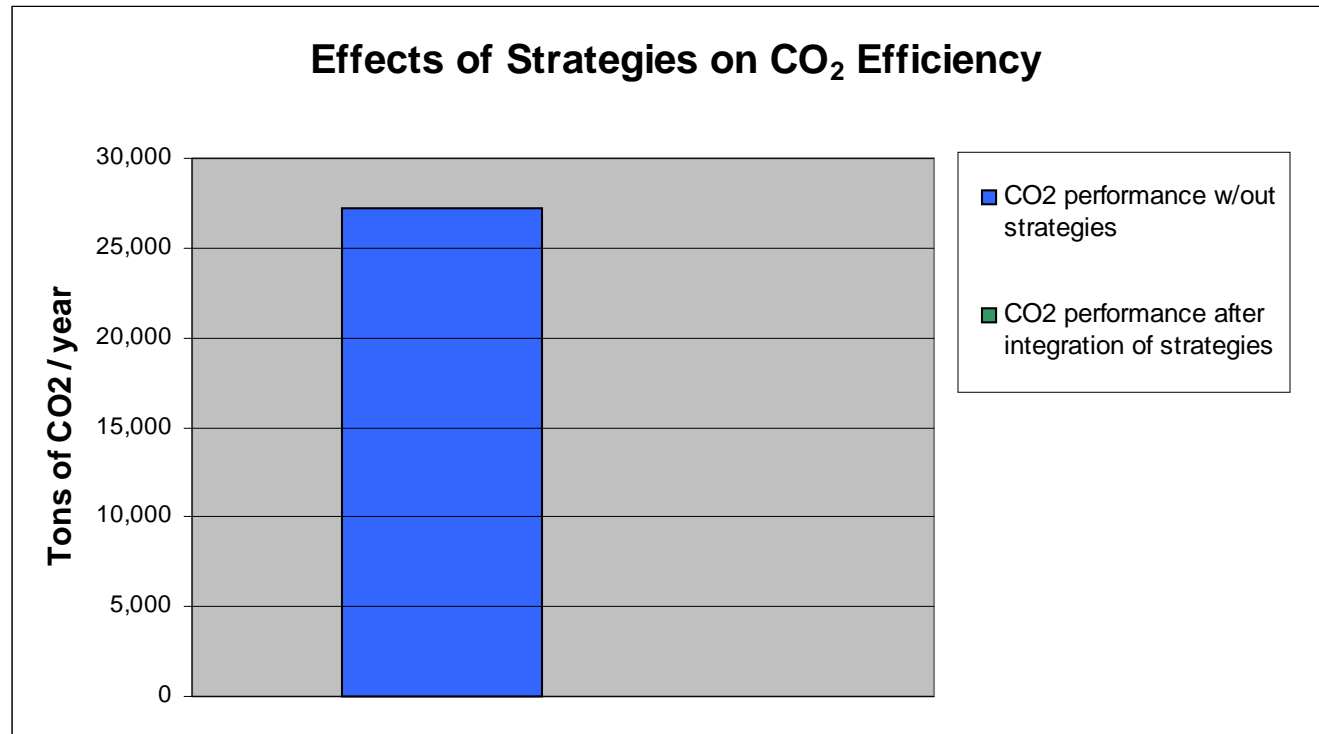
- **Carriers:**

- Measure current environmental performance with the FLEET Performance Model
- Commit to improve environmental performance within 3 years
- Sign the Partnership Agreement

- **Carrier partners can use the logo when:**

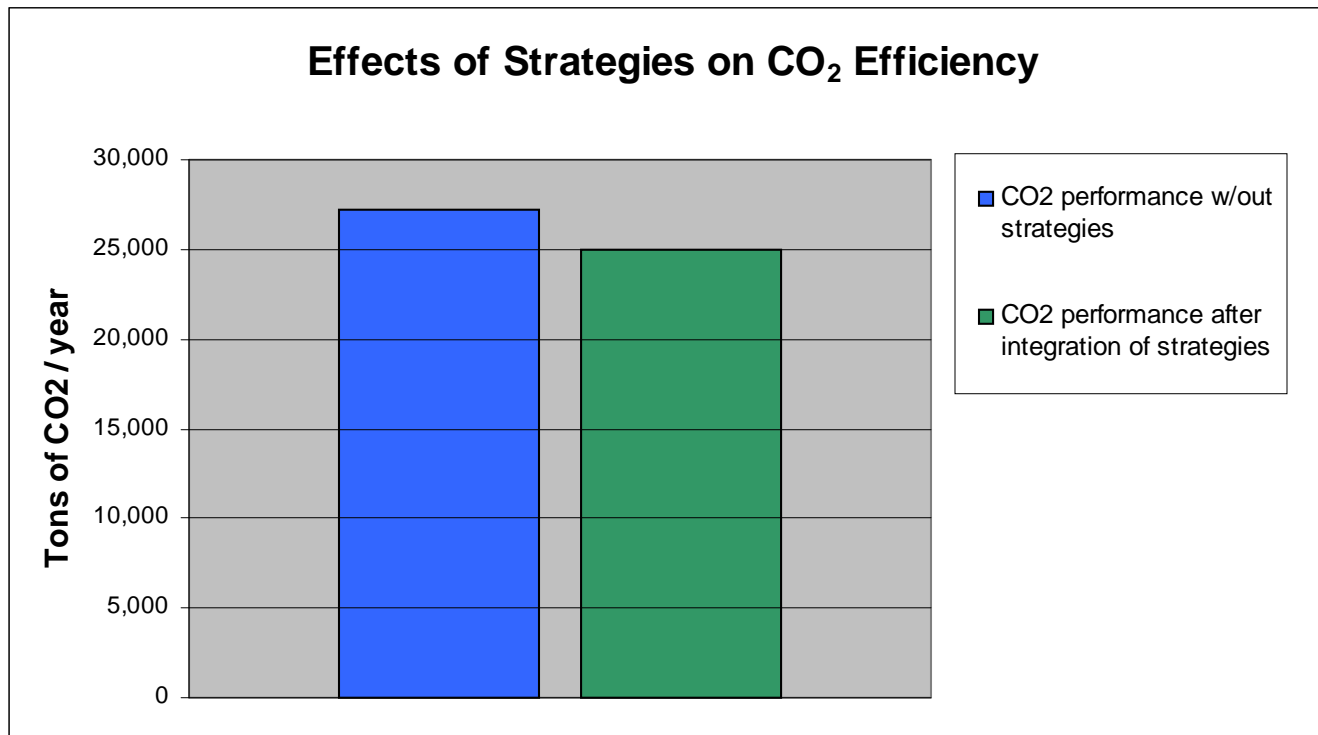
- Demonstrate superior environmental performance:
  - Achieve a 40% CO<sub>2</sub> efficiency rating
  - OR
  - Demonstrate at least a 25% CO<sub>2</sub> efficiency rating AND set and achieve an aggressive improvement goal

# What is Superior Environmental Performance?



**No environmental strategies**

# What is Superior Environmental Performance?



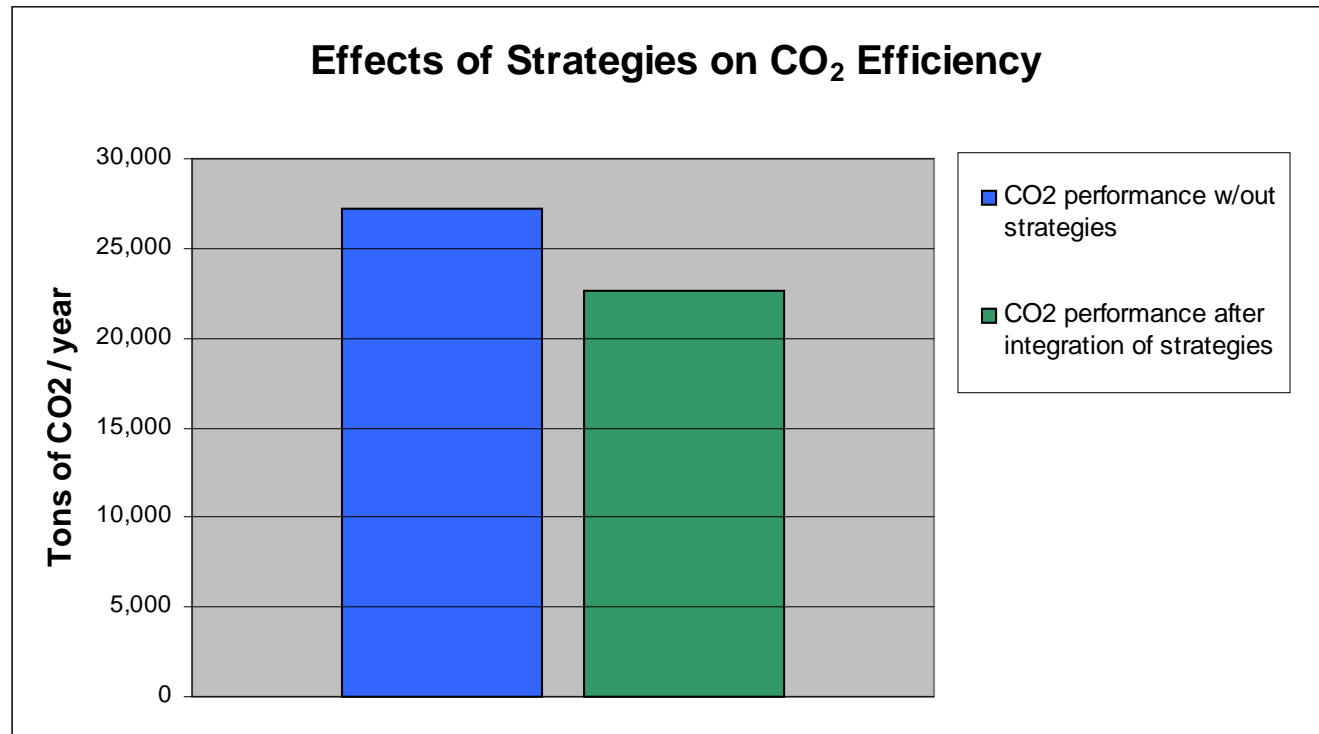
**No environmental strategies:**

**Effect of adding strategies:**

**- Speed @ 62 mph**



# What is Superior Environmental Performance?



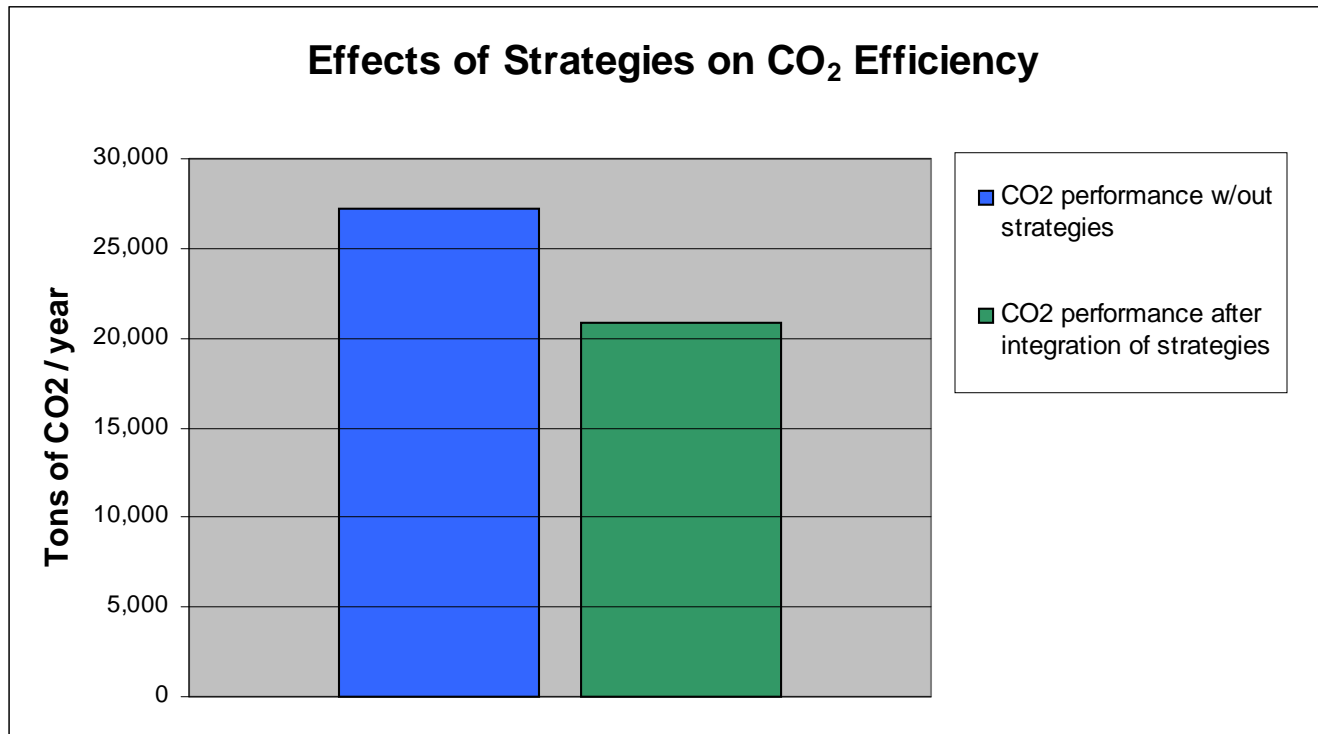
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# What is Superior Environmental Performance?



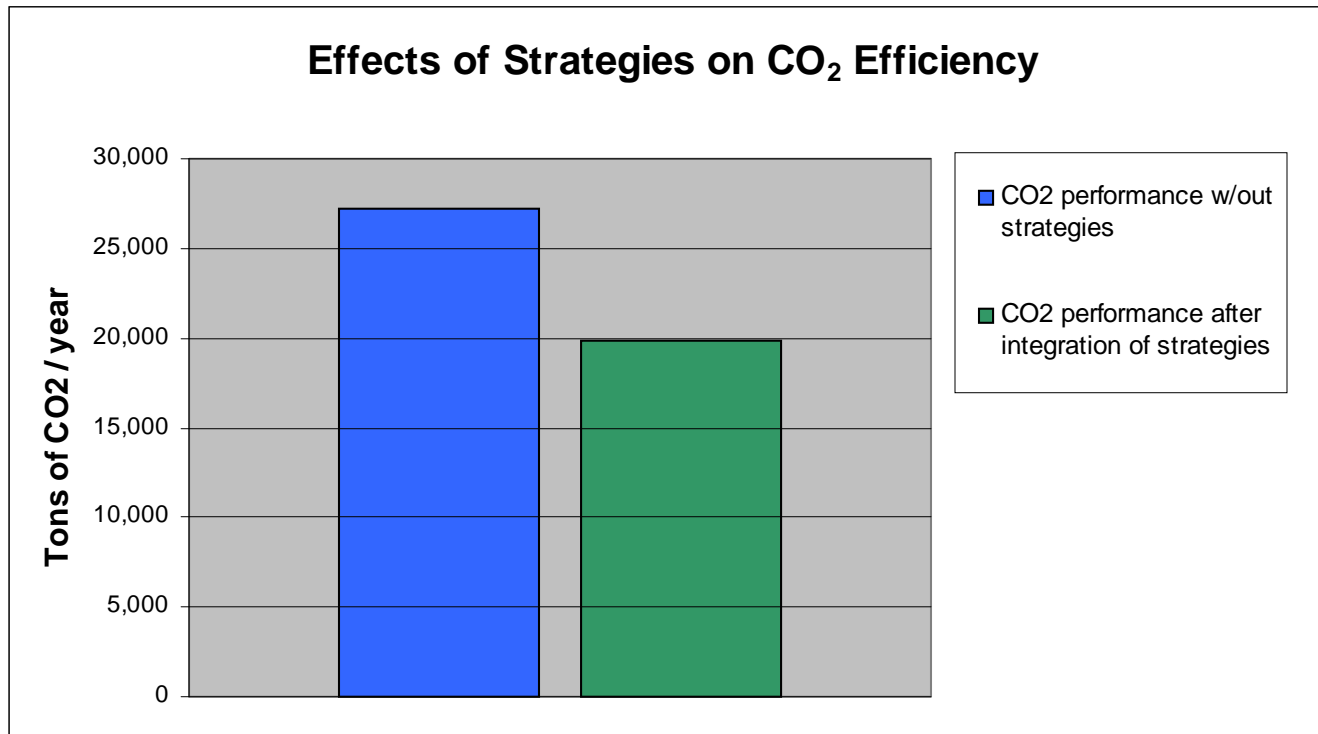
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**Effect of adding strategies:**

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- Eliminate Idling

- Aerodynamics

# What is Superior Environmental Performance?



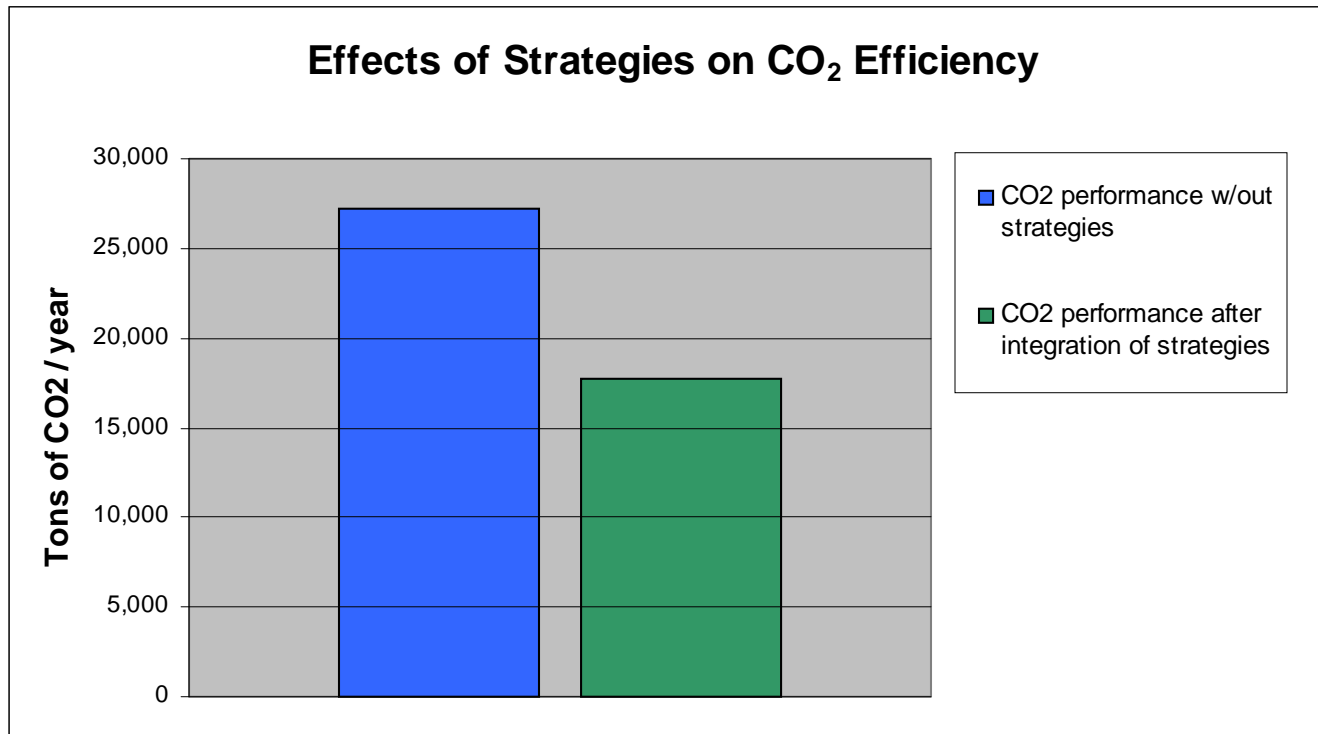
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- Aerodynamics
- Double trailers

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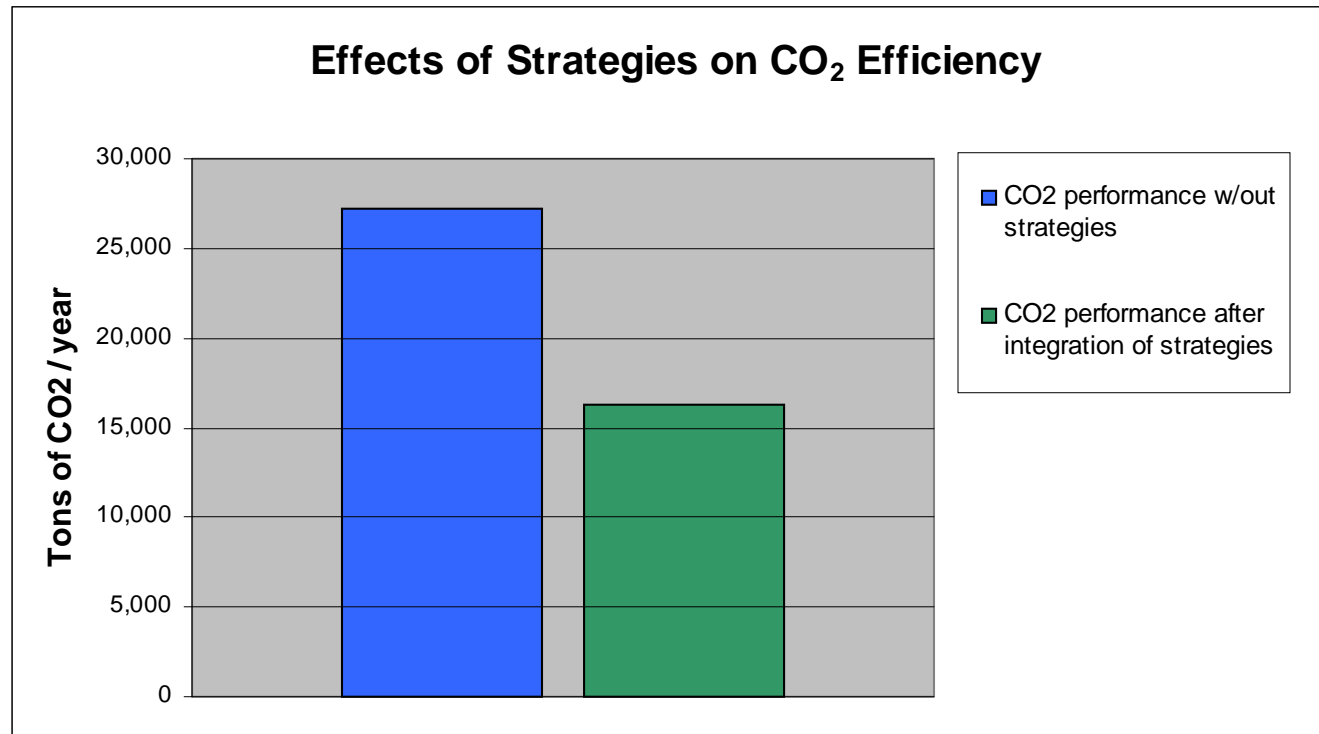


**No environmental strategies:**

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- Intermodal use
- Aerodynamics
- Double trailers

# What is Superior Environmental Performance?

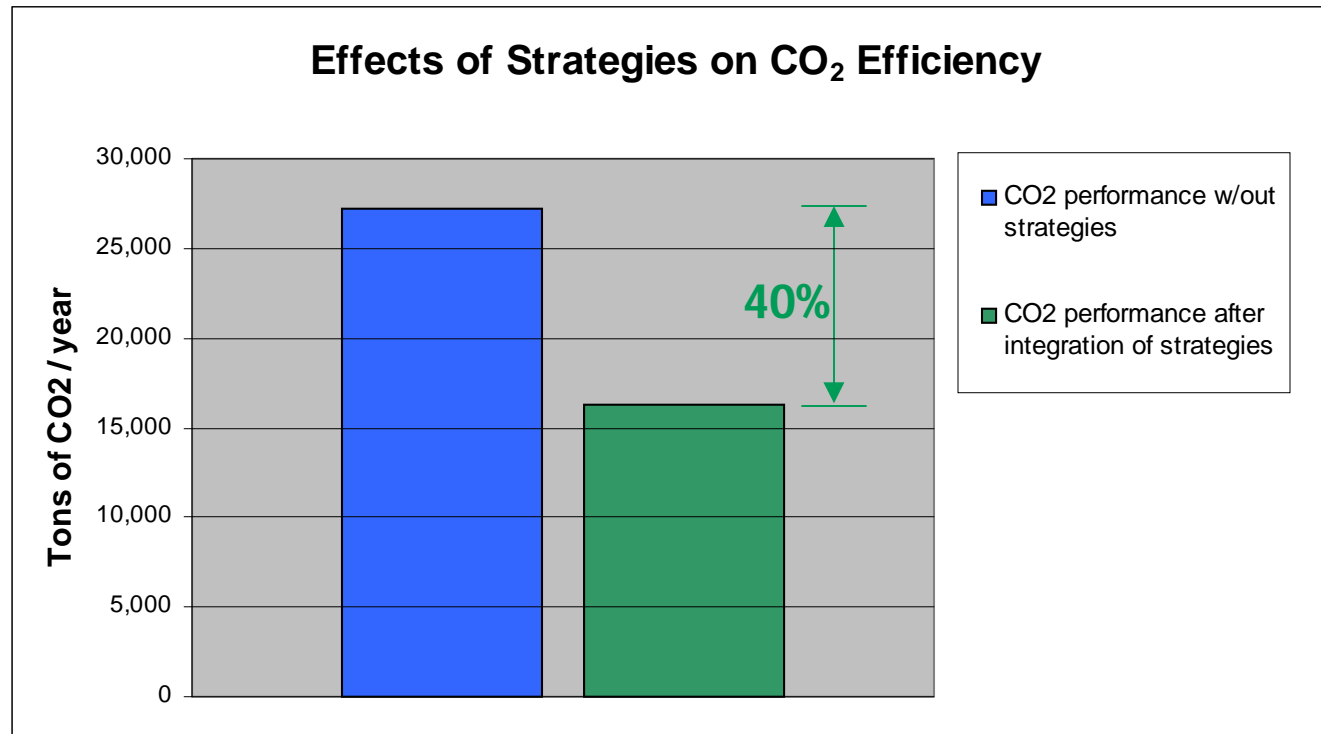


**No environmental strategies:**

**Effect of adding strategies:**

- Speed @ 62 mph
- Eliminate Idling
- Intermodal use
- Auto tire inflation
- Synthetic lubes
- Aerodynamics
- Double trailers
- Weight reduction
- Super single tires
- Engine upgrades

# What is Superior Environmental Performance?



## Effect of adding strategies:

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# The FLEET Performance Model for Carriers

- **Freight Logistics Environmental and Energy Tracking Performance Model - Carrier Module**
  - Measures the environmental performance of any fleet:
    - tons of CO<sub>2</sub>, NOx, and PM
    - the effectiveness of strategies currently used in fleet
  - Projects the effectiveness of strategies a fleet could add in the future
  - Estimates cost savings and return on investment for strategies
  - Provides a consistent approach for fleets to evaluate and record their environmental achievements

# The FLEET Performance Model for Shippers

- **Freight Logistics Environmental and Energy Tracking Performance Model- Shipper Module**
  - Tracks percentage of goods shipped with SmartWay Transport carriers
    - by weight, mileage, ton-mileage, \$ value, or customized metric
  - Calculates tons of CO<sub>2</sub>, NOx, and PM from shipper's freight activities:
    - freight providers
    - truck idling at the company's facilities
    - use of intermodal operations
    - mobile sources at a company's facilities (forklifts, loaders, cranes, generators)



# The SmartWay Transport Partnership Logo



December 3, 2003

Dave Normandin  
President  
Evans Express  
10 Tandem Way  
Hopkirk, MA 01747

Dear Dave:

RE: EPA SmartWay™ Program

The Home Depot seeks to minimize its environmental footprint. A key focus is the reduction of emissions related to freight handling. Accordingly, The Home Depot has become a charter member of a new EPA Program called "SmartWay Transport."

SmartWay™ Transport is a voluntary partnership program that establishes a framework for shippers and carriers to work together to measurably reduce greenhouse gas emissions. As a member of SmartWay, The Home Depot commits to increasing the number of SmartWay™ Transport carriers over the next three years. Carriers become SmartWay Transport Partners by committing to improve fleet fuel efficiency with innovative practices. SmartWay™ Transport carriers receive technical and financial support, including an Emissions Calculator tool, listing on our carrier materials, and personal assistance with emissions reduction efforts.

The Home Depot strongly encourages all its carrier partners to join SmartWay Transport. Participation in SmartWay™ Transport will provide tangible benefits:

- Fuel Savings
- Long Term Cost Saving
- Preference in THD Logistics Sourcing activity
- "Green" Image - appeal to environmentally conscious customers
- Access to growing groups of environmentally conscious customers
- Technical and infrastructure support from Home Depot
- Fully around an industry standard for emissions reduction

For more information, visit [www.epa.gov/smartway/transport](http://www.epa.gov/smartway/transport). If you have any questions you may contact Matt Payne at [matt.payne@homedepot.com](mailto:matt.payne@homedepot.com).

Sincerely,

Wayne G. Paul  
Vice President Transportation Services















# Contact the SmartWay Transport Partnership Team



## Contact Info:

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