



Best Workplaces for Commuters

STAPPA/ALAPCO

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BEST
WORKPLACES
for COMMUTERS



Why Best Workplaces for Commuters



According to the Texas Transportation Institute's 2001 Urban Mobility Report:

- Average American spends 36 hours per year stuck motionless in traffic (only 11 in 1982)
- “Rush hour” now lasts 6 or 7 hours per day
- \$80B per year in lost productivity
- 4.5B hours of delay per year
- 7B gallons of wasted fuel per year

A major environmental challenge ...

- Miles traveled increased 75% from 1980 to 1999
- 80% were “drive alone” trips
- Light duty vehicles cause 20% of greenhouse gas emissions



Best Workplaces for Commuters

- Voluntary business-government partnership to ease traffic congestion, save fuel, and reduce ozone forming pollutants and greenhouse gas emissions
- ***The Challenge:*** Reduce single occupancy vehicle commuting by getting employers to offer employees the “National Standard of Excellence” for commuter benefits
- Program began signing on partners May 2001

Best Workplaces for Commuters

Results

- Over 600 individual employers nationally covering over 1.2 million employees
- 31 States have Best Workplaces for Commuters
- Nine Business Districts (covering more than 4000 employers) are located in Atlanta, San Francisco, and Colorado.
- Program is:
 - saving more than 58 million gallons of gasoline annually
 - reducing the number of miles driven by more than 3 million miles a day
 - reducing significant amounts of VOCs/N0x

Best Workplaces for Commuters

Assessing our Success

- One of fastest growing voluntary programs
 - triple numbers by end of 2005
- BWC is viewed as Smart, Effective, Credible
- Demand for local BWC campaigns is overwhelming
 - 2002 - 1
 - 2003 - 6
 - 2004 -14 (turned down additional 5 areas)

Criteria for National Standard of Excellence for Commuter Benefits

➤ **Coordinate communication**

- Designate point of contact
- Centralize information
- Communicate commuter benefits

➤ **Offer commuter benefits package**

- Emergency Ride Home
- One of four Primary Options
- Three or more Supporting Options

➤ **Meet performance benchmark**

➤ **Report success to EPA**



Primary options (choose 1)

- \$30 transit/vanpool subsidy
- Parking cash out
- 6% or greater telecommuting

Benefits to Employers

- **Parking-related cost savings.** Alternatives to single-occupancy driving to work reduces employees' parking demand on their employers.
- **Tax savings.** Changes in the federal tax code allow employers to offer tax-free transit and vanpool benefits, saving employers money on payroll taxes.
- **Employee recruiting and turnover savings.** Important tool for retaining talent, which cuts costs associated with recruiting and training new employees.
- **Facility cost savings.** Telecommuting can reduce facility costs because fewer employees will be working at a particular site on a given day.

EPA Program Strategy

- Metro Area “list” of Best Workplaces for Commuters
- Best Workplaces for Commuters “Districts”
- In development.... “Fortune 500 Best Workplaces for Commuters” Annual List



Best Workplaces for Commuters Metro Approach

- **Build metro coalition with 3rd party champions → Issue business challenge → Build List → Recognize Employers**

- **Regional BWC lists in 2003**

- DC Metro
Houston
- Tucson
- San Francisco Bay Area
- Sacramento
- New England

- **New regional BWC lists in 2004**

- Colorado - April 2004
- Metro NY-NJ-CT - May 2004
- **Additional areas:** Triangle Region, NC, Charlotte, Phoenix, Dallas, Minnesota, Baltimore, Colorado,



SmartWay Transport Partnership

SmartWay Transport Components

- *Goal: 9-18 MMTCe/year (36-72 million tons CO₂) by 2012*
 - *plus NO_x, PM, and air toxics benefits*

- *Three major SmartWay Transport components:*

1. Fleet Partnerships:

Improve the environmental performance of freight transport by encouraging best practices, creating incentives, and recruiting shippers and carriers to participate

2. National Transportation Idle-Free Corridors:

Deploy idle reduction strategies along major transportation corridors and freight hubs: truck stops, highway rest areas, ports, borders, freight terminals, rail yards

3. Rail/Intermodal:

Improve rail efficiency and increase use of intermodal transport

Overview of the Fleet Partnership Component

(For the First 3 Year Phase: 2003 - 2006)

- *Applies to shippers and carriers*
- *Focuses on the 'Middle of the Pack' to achieve maximum reductions*
- *Fleets can join with a commitment to improve, but must demonstrate superior environmental performance to earn EPA's SmartWay logo*
- *All fleets measure environmental performance with EPA's FLEET Performance Model (Freight Logistics Environmental and Economic Tracking)*
- *Emphasis on recruiting shippers who will leverage carriers into the program,*
- *32 partners currently in the program*

How Can Fleets Join the Program

Shippers:

1. Commit to ship over 50% of their goods with SmartWay Partner carriers
2. Assess and commit to improve their facility transportation emissions:
- 3. Can use the logo when they:
 - ARE shipping 50% of their goods with SmartWay Partner carriers
 - OR, for shippers using more than 40 carriers, have at least 20 carriers in the program (these shippers still must commit to 50%)

How Can Fleets Join the Program

Carriers:

- Any carrier can join.
 1. Measure current environmental performance
 2. Commit to improve that performance within 3 years
 - Commitment must be tangible, quantifiable and based on technology/strategy about which EPA has confidence
 3. Create and submit Action Plan describing how carrier will achieve commitment
- Carriers can use the logo if:
 1. They demonstrate superior existing environmental performance
 2. Achieve a large enough commitment

FLEET Performance Models:

- Freight Logistics Environmental and Economic Tracking Performance Models
 - Carrier version measures the environmental performance of any fleet by:
 - Calculating tons of CO₂, NO_x, and PM over a one year period
 - Calculating emissions reduced from technologies/strategies integrated into fleet over a one year period
 - Shipper version measures the environmental footprint of freight operations
 - Tracks percentage of goods shipped with SmartWay Transport Carriers
 - Calculates tons of emissions from contract trucking
 - Calculates tons of emissions from transportation related facility sources

Overview of National Idle-Free Corridors Program

Goal: Eliminate all unnecessary long duration idling & associated emissions:

	<u>Trucks</u>	<u>Locomotives</u>
Diesel fuel consumption:	1 billion gal/yr	68 million gal/yr
CO ₂ emissions:	11 million tons/yr	800,000 tons/yr
NOx emissions:	150,000 tons/yr	17,000 tons/yr

- Developing a nationwide network of idle-reduction options along major transportation corridors e.g., truck stops, travel centers, distribution hubs, rail switch yards, borders, ports
- There are approximately 12 idling control projects currently operating around the country

Overview of the Rail and Intermodal Component

- Working with railroads to obtain industry commitment to improve efficiency
- Working with shippers and carriers to expand use of intermodal transport options
 - Regus Industries (waste hauling) has converted over 30% of their trucking operations to rail. Plan to convert ALL operations to rail over the next few years.
- Demonstration project for idling locomotives at Chicago switch yard and Vancouver, WA
- Draft SIP guidance to be issued soon