

SmartWay Transport Partnership

Using the “Shipper Strategies” Tab in the SmartWay Shipper Tool

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Covered Previously

- What is SmartWay and why should I participate?
- The basics of the Shipper Tool, Navigation and Data Requirements/Outputs
- Uploading data into the Shipper Tool, Voluntary Sections, Best Practices

To Be Covered Today

- Using the System Activities and Modal Shift Tabs in the Shipper Tool

Why Do Shipper Strategies?

- More complete carbon accounting for your supply chain
- Promote your good efforts
- It is one of the criteria for a SmartWay Excellence Award

Shipper Strategies – Questions

- What did you do?
- What would have happened if you didn't do it (the “counterfactual”)?
- “Analytical boundaries” – What's in? What's out?

Shipper Strategies – Steps

- Decide what you are reducing:
 - System Activities – Miles or Weight
 - Modal Shifts– Miles or Ton-Miles
- Calculate how much you've reduced.
- Calculate your percent reduction – the amount you reduced as a percentage of your counterfactual.
- Input your percent change – the tool calculates the emission changes.

Example- New Distribution Center

	Essex	Wessex		Loads	Miles
	Miles	Miles	Difference	Shifted	Saved
Store 14	2783	532	2251	95	213,845
Store 83	2906	56	2850	127	361,950
Store 44	2654	328	2326	33	76,758
Store 67	2619	463	2156	45	97,020
Store 33	2282	923	1359	76	103,284
Store 08	2753	752	2001	77	154,077
Store 21	3025	643	2382	22	52,404
				475	1,059,338
		Total from Activity Data tab			
Total Miles	56,408,856				
"What if" Miles	57,468,194				
Improvement	1.84%				
	Improvement percentage is Miles Saved divided by the sum of Total Miles plus Miles Saved				

Example – Mode Shift

- 500 tons from a Warehouse to a DC 1,000 miles apart
- Shifted from Truck (in the previous year) to Multi-Modal
- Simpler Math – don't have to calculate percentages
- Think carefully about Emission Factors

Example More Concentrated Detergent

	Original Product Weight		35		
	New Product Weight		20		
	Weight Reduction		43%		
	Loads of Product		200,000		
	Total Loads		1,500,000		
	Overall Reduction		6%		

For More Information or Assistance:

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