SmartWay Partner Portal Demonstration



Everything you want to know about the Partner Portal!

November 16, 2022





Webinar Housekeeping

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EPA SmartWay

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- The presentation slides will be shared after the webinar
- Today's webinar is being recorded
- Submit a question or comment via the Q&A pane on your Zoom control panel
- After the presentation, as time permits, our EPA hosts and presenters will answer questions submitted via the Q&A box
- Please complete the survey at the end of today's webinar



Learn about SmartWay



- Overview of SmartWay
- <u>Why Freight Matters</u>
- <u>Corporate Social Responsibility (CSR) and</u>
 <u>Freight Logistics</u>
- <u>SmartWay Program Successes</u>
- <u>Trends, Indicators & Partner Statistics</u> (<u>TIPS</u>)

Meet our Partners & Affiliates



- Learn About Partners and Affiliates
- Partners List
- Affiliates List
- <u>Charter Partners</u>
- <u>SmartWay Excellence Awardees</u>
- High Performer Lists
- Other Partner Achievements
- Featured Partner Profiles
- <u>Carrier Performance Rankings</u>



Participate in

- How to Participate in SmartWay
- <u>How the SmartWay Partnership Works</u>
 Become a SmartWay:
 - Shipper
 - Logistics Company
 - <u>Carrier</u>
- <u>Affiliate</u>
- Tools & Resources for Partners & Affiliates

Use the SmartWay Brand



- Learn About:
 - <u>The SmartWay Brand</u>
 - <u>Sharing Your Participation in</u> SmartWay
- SmartWay Verified Technologies
- SmartWay Tractors & Trailers
- Apply the Logo to SmartWay
- Tractors & Trailers
- Partner Press Releases

Search SmartWay

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SmartWay Webinars & Events

EPA hosts **free webinars** to help you learn how to get the most out of the SmartWay Program.

On this page:

- <u>Upcoming Webinars</u>
- Past Webinar Recordings





Register for Upcoming Webinars

- · Participants must pre-register.
- Registration closes at 12:00 pm on the day of the webinar.
- · Click the event name for a description and registration links.

Event Type Legend

Date	Туре	Event Name
Wednesday, October	Tool	2022 SmartWay Online Shipper Tool
12, 2022	Demonstration	Demonstration

Have an idea for a webinar? <u>Email your idea</u> to (smartway_transport@epa.gov) with the subject line "SmartWay Webinar Suggestion."



Learn more about SmartWay's Freight Matters! Webinar Series: This series features leaders in the freight sector discussing trends and issues that matter to your business.

www.epa.gov/smartway/sma rtway-webinars-events



Covered Today

- < SmartWay background
- How SmartWay works
- 🛸 Introduction to the Partner Portal





SmartWay Background







- Public-private partnership
- Raise awareness around emission/sustainability benefits of freight efficiency
- Strengthen industry efficiency, competitiveness
- Collaboration
- Save fuel, money, and the environment



How SmartWay Works

- Standardized approach that partners can use to assess supply chain efficiency and emissions
 - For any organization that ships, carries or receives goods
 - Adopted by private and public sector, vendors, providers, suppliers
- Designed with and for the freight sector
 - Delivers solutions to marketplace needs and challenges
 - Voluntary and no-cost



Partner Account Manager (PAM) Team

- Review/approve tools, question data, refine data
- Officially register the company as a SmartWay Partner
- Issue company the annual registration document
- Share access to the Partner Portal and Partner resources
- Set up meetings with other subject matter experts, if requested
- Share information on topics related to freight efficiency
- Assist Partners with goal-setting

Partner Portal Overview

- The Partner Portal is the primary way partners access their Tool, Registration document, the SmartWay Logo Files, as well as other useful information.
- Standard Information
 - Partner Tool
 - Carrier Emissions Results
 - SmartWay Registration Document
 - Logo Use Files
 - Template Press Release
 - SmartWay LTL Carbon Calculator

Partner Registration Document

SmartWay Partner Logo

SmartWay Partner Press Release Template

[Organization Letterhead]

PARTNER [SAMPLE] PRESS RELEASE

FOR IMMEDIATE RELEASE

Contact: [Name]

[Ph. Number]

[Date]

[ORGANIZATION] RENEWS WITH THE U.S. EPA SMARTWAY® TRANSPORT PARTNERSHIP

[City, State] – [Organization] today announced that it has submitted and received approval for their current data submission to the SmartWay[®] Transport Partnership, an innovative collaboration between U.S. Environmental Protection Agency (EPA) and industry. The SmartWay Transport Partnership provides a framework to assess the environmental and energy efficiency of goods movement supply chains.

[Organization] will continue to contribute to the Partnership's savings of 336 million barrels of oil, \$44.8 billion on fuel costs and 143 million metric tons of CO2, 2.7 million short tons of NOx and 112,000 short tons of PM... This is the equivalent of the annual electricity use in 21 million homes. By joining SmartWay Transport Partnership, **[Organization]** demonstrates its strong environmental leadership and corporate responsibility.

2021 SmartWay LTL Carbon Calculator:

Technical Documentation

Version 1.0

LTL Carbon Calculator

ALL PARTNERS can get into their private Partner Portal and find

- Access to begin and re-enter your Tool when it's released annually
- User Guide, an Example Tool, your company's Registration Document (sometimes called "certificate" by other companies) and resources highlighted by Patrice
- Reports we're about to see can be saved on your computer, printed, or shared with stakeholders all the way up to the C-suite or Board of Directors
- These reports are not shared or accessible to anyone other than your designees. The only data all partners can access is the Carrier Emissions Results which shows Emissions Factors and Performance (bin) Rankings

Truck Partners

SmartWay Online Truck Tool: Short Form

The Short Form version of the Online Truck Tool is for truck carriers who have a single fleet with 20 or fewer trucks that are all in the same class (e.g., 8b) and that only use diesel or gasoline fuel. You may choose to use the Online Truck Tool for All Carriers which you can access below. DO NOT complete more than one version of the Truck Tool.

- Begin now
- View previous submissions
- Provide Feedback for the Online Truck Tool: Short Form (6 question survey)
- User Guide for the SmartWay Online Truck Tool: Short Form
- Technical Documentation for the SmartWay Online Truck: Short Form
- Example Tool

SmartWay Online Truck Tool for All Carriers

The Online Truck Tool for All Carriers may be used by any SmartWay Truck Carrier Partner. DO NOT complete more than one version of the Truck Tool.

- Begin now
- View previous submissions
- Provide Feedback for the Online Truck Tool For All Carriers (10 question survey)
- Example Tool
- User Guide for the SmartWay Online Truck Tool for All Carriers
- Technical Documentation for the SmartWay Online Truck for All Carriers

SmartWay Online Truck Tool for All Carriers

Home

Please complete each step in order. When a step is completed, the box next to it will be checked.

- Step 1: <u>Partnership Agreement</u>
- Step 2: Enter Company & Contact Information
- Step 3: <u>Characterize your Fleet(s)</u>

Step 4: Enter Information for each of your Fleet(s)

✓ <u>ABC Trucking, Inc.: Truckload Division</u>
 ✓ <u>ABC Trucking, Inc.: Final Delivery</u>

Step 5: <u>Review Your Information (reports)</u>

Step 6: <u>Compare this year's information with last year's submission</u>

Step 7: <u>Submit Your Information to EPA</u>

Reports

Select a report by clicking on it's name.

In order to complete your tool, you must view each report.

- <u>Fleet(s) Report</u> You have viewed this report
- Emissions Report You have viewed this report
- Out of Range Report You have viewed this report
- Public Disclosure Report You have viewed this report

Fleet(s) Report

Report created on: March 30, 2022

This report shows the fleet identification, categorization, and activity information for a fleet. If you have multiple fleets, select a different fleet in the dropdown listbox and select the Run Report button.

ABC Trucking, Inc.: Truckload Division 🗸 Run Report

← This can be done for as many fleets as you've listed

Fleet Name: ABC Trucking, Inc.: Truckload Division

SCAC	MCN	рот	NSC	Fleet Type	SmartWay Category
ABCD	2345678	27565	27565	For-Hire	TL/Dry Van

Operation Category %							
Truckload	Less than Truckload	Drayage	Package Delivery	Expedited			
100							

Body Type %									
Dry Van	Refrigerated	Flatbed	Tanker	Chassis	Heavy/Bulk	Auto Carrier	Moving	Utility	Special Hauler
100									

Diesel Trucks								
Engine Model Year	Class 8b	Class 7	Total					
2022	20	0	20					
2019	15	4	19					
2015	10	0	10					
0011		45	45					

Diesel Trucks: Distance, fuel, and Payload										
Class	Fuel used for Engine Power	Fuel used for Refrigeration	Gallons of B100 Equivalent	Engine Power MPG Check	Total Miles Driven	Revenue Miles Driven	Empty Miles Driven	Average Payload (Tons)		
8b	1,547,896	0	9,679	4.84	7,487,968	7,100,962	387,006	18.46		
7	207,969	0	1,300	7.20	1,497,896	1,450,893	47,003	8.28		
Total	1,755,865	0	10,979	5.23	8,985,864	8,551,855	434,009	16.76		

	Diesel Urban Speed and Idling									
Class	Urban/City Driving	Under 25 mph	25 to 50 mph	Over 50 mph	Daily Short Duration Idle Hours per Truck (includes idling at stop signs, in traffic, and short delivery stops)	Daily Long Duration Idle Hours per Truck (overnight and longer than 60-minute intervals)	Average Number of Days on the Road per Year	Average Annual Idle Hours per Truck		
8b	12%	50%	42%	8%	1.33	1.10	300	729		
7	28%	46%	39%	15%	1.65	2.00	225	821		

Diesel PM Retrofits by Truck Class: Technology Closed Crankcase Ventilation (CCV)						
Engine Model Year	Class 8b	Total				
2006	1	1				

Diesel PM Retrofits by Truck Class: Technology Diesel Oxidation Catalyst (DOC)						
Engine Model Year	Class 7	Total				
2001	1	1				

Diesel PM Retrofits by Truck Class: Technology PM TRAP						
Engine Model Year	Class 7	Total				
2001	1	1				

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Emissions Report

Report created on: March 30, 2022

This report shows the estimated emissions for your fleet(s). You can run the report to display emissions by fuel type, fleet, or totals across all fleets (if you have multiple fleets).

~

Emissions from driving

CO2 Total Emissions (Tons)	Total N	files Driven	Loaded	Miles Driven	Revenue Miles Driven		
	CO2 Grams per Mile	CO2 Grams per Ton- Mile	CO2 Grams per Mile	CO2 Grams per Ton- Mile	CO2 Grams per Mile	CO2 Grams per Ton- Mile	
19820.94929	1980.22001	119.14619	2080.84716	125.41962	2080.84716	125.41962	

NOx Total Emissions (Tons)	Total N	liles Driven	Loaded	Miles Driven	Revenue Miles Driven		
	NOx Grams per Mile	NOx Grams per Ton- Mile	NOx Grams per Mile	NOx Grams per Ton- Mile	NOx Grams per Mile	NOx Grams per Ton- Mile	
38.80088	3.87642	0.23324	4.07340	0.24552	4.07340	0.24552	

DM 0.5 Total Emissions	Total M	liles Driven	Loaded	Miles Driven	Revenue Miles Driven		
(Tons)	PM 2.5 Grams per Mile	PM 2.5 Grams per Ton- Mile	PM 2.5 Grams per Mile	PM 2.5 Grams per Ton- Mile	PM 2.5 Grams per To Mile PM 2.5 Grams per To Mile		
1.34829	0.13470	0.00810	0.14155	0.00853	0.14155	0.00853	

DM 40 Total Emissions	Total M	liles Driven	Loaded	Miles Driven	Revenue Miles Driven		
(Tons)	PM 10 Grams per Mile	PM 10 Grams per Ton- Mile	PM 10 Grams per Mile	PM 10 Grams per Ton- Mile	PM 10 Grams per Mile	PM 10 Grams per Ton- Mile	
1.46563	0.14642	0.00881	0.15386	0.00927	0.15386	0.00927	

	Black Carbon Total Emissions (Tons)	Total Mi	iles Driven	Loaded I	Miles Driven	Revenue Miles Driven			
		Black Carbon Grams per Mile	Black Carbon Grams per Ton-Mile	Black Carbon Grams per Mile	Black Carbon Grams per Ton-Mile	Black Carbon Grams per Mile	Black Carbon Grams per Ton-Mile		
	0.98556	0.09846	0.00592	0.10347	0.00624	0.10347	0.00624		

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Public Disclosure Report

Report created on: March 30, 2022

Sou	irce	CO2 Emissions (metric tons)					
	USA	16083.6					
Scope 1	Canada	1787.1					
	Total:	17870.7					
	USA	0.0					
Scope 2	Canada	0.0					
	Total:	0.0					

-

Emissions of biogenic CO2 (metric tons): 110.7

Emissions of non-GHGs:									
Pollutant	Amount (metric tons)								
NOx	35.1999								
PM 10	1.3296								
PM 2.5	1.2232 25								

Logistics and Shipper Partners

Enter your Logistics or Shipper Tool and proceed to "Review Your Information (reports)"

SmartWay Online Logistics Tool

Home

Please complete the following steps in order. Check boxes on the left indicate successful completion of each step. For more information, select the 'Help' button, or select the "Back" button to return to the prior page.

Shipper is first required to select Participation Level

Step 2: Enter Company & Contact Information

Step 3: <u>Characterize Your Business Unit(s)</u>

Step 4: Enter Information for your Business Unit(s) (select name to add information)

<u>LMC Logistics Example: Retail</u>

Step 5: <u>Review Your Information (reports)</u>

Step 6: <u>Compare this year's information with last year's submission</u>

Step 7: <u>Submit Your Information to EPA</u>

Reports

Select a report by clicking on it's name.

- To PRINT a report: Right click with your mouse and select PRINT, then choose where to save the file: save as a pdf file or select your local printer.
- TO COPY a table in a Report to a spreadsheet: Using your mouse, highlight the report table, right click your mouse, select COPY, open Excel and Paste into an Excel table cell.

In order to complete your tool, you must view each report.

-

- · Company Report (Please view this report.)
- · Carrier Activity Report (Please view this report.)
- Out of Range and Overreported Alerts (Please view this report.)
- Emissions By Carrier Report (Please view this report.)
- Emissions By Mode Report (Please view this report.)
- · Public Disclosure Report (Please view this report.)

Company Report: Retail

Report created on: May 11, 2022 Data Year: 2020

Emissions:

CO2			NOx			PM10				PM2.5		Black Carbon		
g/mile	g/ton- mile	Emissions (Tons)	g/mile	g/ton- mile	Emissions (Tons)	g/mile	g/ton- mile	Emissions (Tons)	g/mile	g/ton- mile	Emissions (Tons)	g/mile	g/ton- mile	Emissic (Tons
2,609	123.470	303,635	18.198	0.861	2117.575	0.64414	0.03048	74.95397	0.64374	0.03046	74.90738	0.23339	0.01104	27.158

% SmartWay:

Mode/Total	% SmartWay	Adjusted % SmartWay	Number of SmartWay Carriers	Number of Non-SmartWay Carriers	SmartWay Ton-Miles	Non-SmartWay Ton-M
Barge	0.0000	0.0000	0	2	0	7,574
Logistics	0.9570	0.2260	2	3	17,533,112	1,814,832,818
Multimodal	100.0000	100.0000	2	0	110,222,602	0
Rail	100.0000	100.0000	1	0	140,909,043	0
Truck	20.6490	20.6490	7	1	30,448,909	117,010,101
Total	13.4070	12.8070	12	6	299, <mark>1</mark> 13,666	1,931,850,493

NAICS:

NAICS 45113,451130,45114

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Carrier Activity Report: <u>LMC Logistics Example: Retail</u>

Report created on: August 9, 2022 Data Year: 2021

Carrier Name	Mode - SmartWay Category	Available Activity Data	Ton-Miles	Total Miles	Average Payload (Tons)	% SmartV	
	Logistics - General	Total Miles & Avg Payload	15,966,600	897,000	17.80	0.714	
	Truck - Mixed	Only Total Miles	16,579,477	1,026,593	16.15	0.742	
	Truck - LTL/Dry Van	Total Miles & Avg Payload	2,350,993	356,211	6.60	0.105	
Company names	Logistics - General	Total Miles & Avg Payload	110,211,099	5,055,555	21.80	4.930	
not	Truck - Package Delivery	Ton-Miles & Total Miles	236,597	356,211 98,523	0.66	0.011	
displayed	Logistics - General	Ton-Miles & Avg Payload	1,566,512		15.90	0.070	
in this example	Rail - General	Total Miles & Avg Payload	140,909,043	1,515,151	93.00	6.303	
	Truck - Mixed	Ton-Miles & Total Miles	6,725,412	356,211	18.88	0.301	
	Logistics - General	Ton-Miles & Total Miles	11,503	23,006	0.50	0.001	
	Truck - Dray	Only Total Miles	1,456,216	90,001	16.18	0.065	
	Truck - Refrigerated	Ton-Miles & Avg Payload	2,727,272	136,295	20.01	0.122	
	Truck - Mixed	Total Miles & Avg Payload	5,119,042	282,820	18.10	0.229	
 non-SmartWay Barge Carrier	Barge - General	Ton-Miles & Avg Payload	7,574	18	425.60		
non-SmartWay Logistics Carrier	Logistics - General	Total Miles & Avg Payload	1,814,832,818	89,798,754	20.21	31	

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Emissions By Carrier Report: LMC Logistics Example: Retail

Report created on: August 9, 2022

Data Year: 2021

Pollutant:	CO2 CO2 NOx	~	Run Report This can be viewed separately for each pollutant tracked by your report										
	PM2.5 PM10					CO2							
	Black Carbon	С	arrier Name		Mode - SmartWay Category	g/mile	g/ton-mile	Emissions (Tons)					

Emissions By Carrier Report: <u>LMC Logistics Example: Retail</u>

Report created on: August 9, 2022

Data Year: 2021

Pollutant:	CO2	~	Run Report

non-SmartWay Logistics Carrier

				со	2
Carrier Name		Mode - SmartWay Category	g/mile	g/ton-mile	Emissions (Tons)
		Logistics - General	1,940	109	1,918
		Truck - Mixed	1,728	107	1,955
		Truck - LTL/Dry Van	726	110	285
Company		Logistics - General	1,940	89	10,812
names		Truck - Package Delivery	249	375	98
displayed		Logistics - General	2,051	129	223
in this		Rail - General	1,927	21	3,218
example		Truck - Mixed	1,265	67	497
		Logistics - General	65	129	2
		Truck - Dray	1,720	106	171
		Truck - Refrigerated	1,601	80	241
		Truck - Mixed	1,213	67	378
non-SmartWay Barge Carrier	Barge - General	7,818	19	0	

Logistics - General

2,809

139

34

278,068

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Emissions By Mode Report: LMC Logistics Example: Retail

Report created on: August 9, 2022

Data Year: 2021

	CO2			NOx			PM10			PM2.5			Black Carbon		
Carrier Mode	g / mile	g/ton- mile	Emissions (Tons)	g / mile	g/ton- mile	Emissi (Ton:									
Barge	7,818	18.580	0	269.298	0.640	0.005	8.41556	0.02000	0.00017	8.41556	0.02000	0.00017	6.27800	0.01492	0.000
Logistics	2,754	135.909	291,023	7.914	0.391	836.366	0.10019	0.00494	10.58864	0.10019	0.00494	10.58864	0.03557	0.00176	3.758
Rail	1,927	20.720	3,218	26.942	0.290	44.997	0.79050	0.00850	1.32025	0.76260	0.00820	1.27366	0.51628	0.00555	0.862
Truck	2,133	114.586	19,225	5.083	0.273	45.813	0.01344	0.00072	0.12117	0.01344	0.00072	0.12117	0.00485	0.00026	0.043
Composite Total	2,694	127.197	313,466	7.968	0.376	927.182	0.10338	0.00488	12.03023	0.10298	0.00486	11.98363	0.04009	0.00189	4.665

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Public Disclosure Report

Report created on: August 9, 2022

Inventory Period: 2021

Scope 3 Category	CO2 Emissions (metric tons)	Percent of emissions calculated using data from SmartWay carriers (%)
Category #4 - Upstream Transportation and Distribution	279,303	6.26%

Emissions of biogenic CO2 (metric tons): Category #4: 4,917

Emissions of non-GHGs:

Pollutant	Amount (metric tons)
NOx	840.302
PM10	10.88787
PM2.5	10.84560
Black Carbon	4.22072

Conclusion

We encourage you to review these reports. Contact your Partner Account Manager (PAM) if there are reports that you would like to discuss further.

Thank you

A Goal Setting Guide for SmartWay Shippers

- Provides guidance, tips and strategies for improving performance
- Strategies and resources may contribute to your organization's overall corporate sustainability plans and will help to reduce your carbon footprint.

https://www.epa.gov/smartway/smartway-shipper-partner-toolsand-resources#improve

What's in the document?

- Strategies For Improving Your Organization's Freight Efficiency Performance
 - Work with Your Team
 - Work with Your Carriers and Logistics Service Providers
 - Work within Your Operations
 - Work with Your Suppliers
 - Work with Your Customers
 - Work with Your Community
- Goal Setting Guidance and Tips
- Sample Performance Action Plan

https://www.epa.gov/smartway/smartway-shipper-partner-tools-and-resources#improve

 Contact your PAM for additional information or the SmartWay help line at (734) 214- 4767

