

SmartWay Transport Partnership

Air Carrier Tool Webinar Presentation

Erik Herzog

US Environmental Protection Agency

April 13, 2016



Covered Today

- **Background**
- **What's new this year**
- **Demonstration**
- **Key points to remember when filling out your tool**

Background

- SmartWay was initiated as a voluntary market based program with members of the U.S. Freight industry in 2001
 - Improve the reputation of the freight industry
 - Improve the efficiency and competitiveness of the freight industry
 - Reduce the release of harmful emissions
- Launched in 2004
- Currently over 3000 Carriers and over 250 Shippers are members of SmartWay
- Some Shippers require carriers to participate in SmartWay
 - Shippers need carrier data to report their carbon footprint
 - They use this in Corporate sustainability reports, stockholder reports, media and customer relations, multinationals face global regulations and requirements

Why Participate?

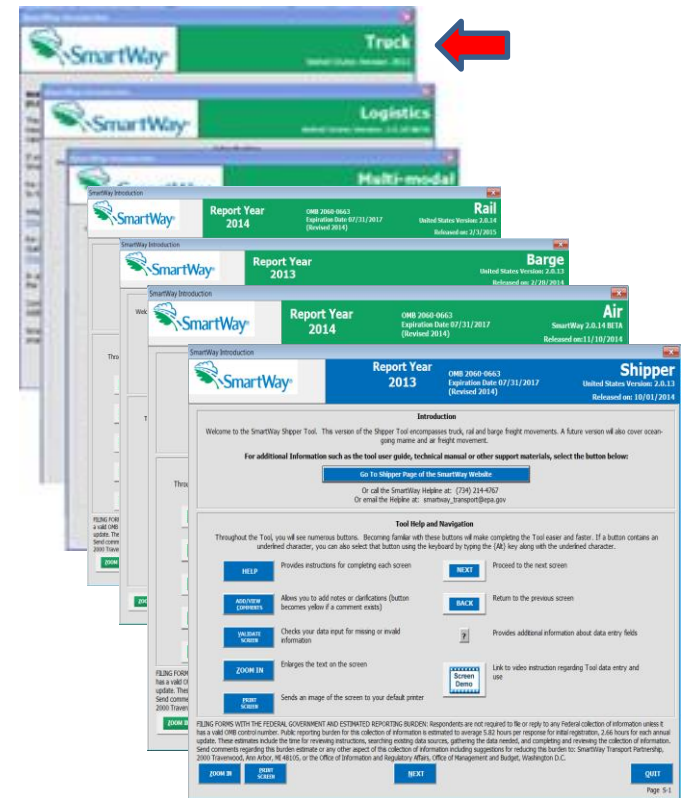
Fuel Use = \$\$\$ = CO₂

Many SmartWay Shippers prefer or require SmartWay carriers

Shippers need carrier data for corporate sustainability reports, stockholder reports, media and customer relations, and multinationals face global regulations and requirements



SmartWay is an Integrated System



Carrier Data Collection Tools

- Truck, Logistics, Barge, Rail, Air, Multimodal Suite

Shipper Tool

- Calculates carrier emission footprints for Shippers

SmartWay “Process”

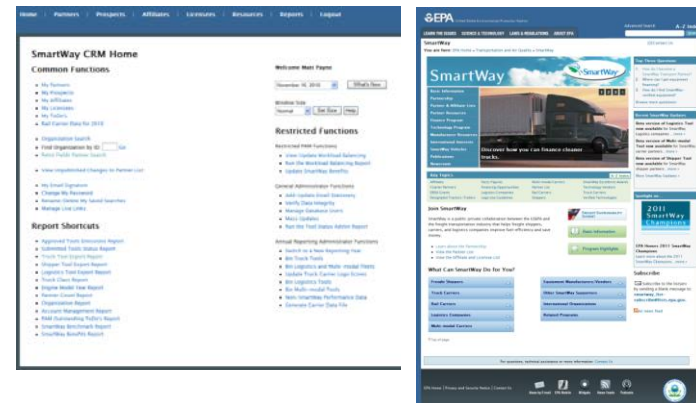
- Data collection, processing, QA/QC, benchmarking
- Produces 6 emission factors for public use

SmartWay Database

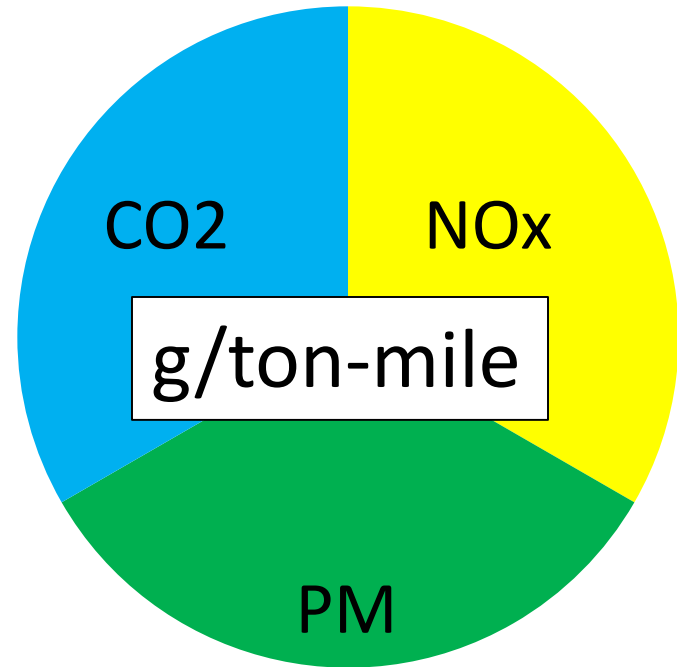
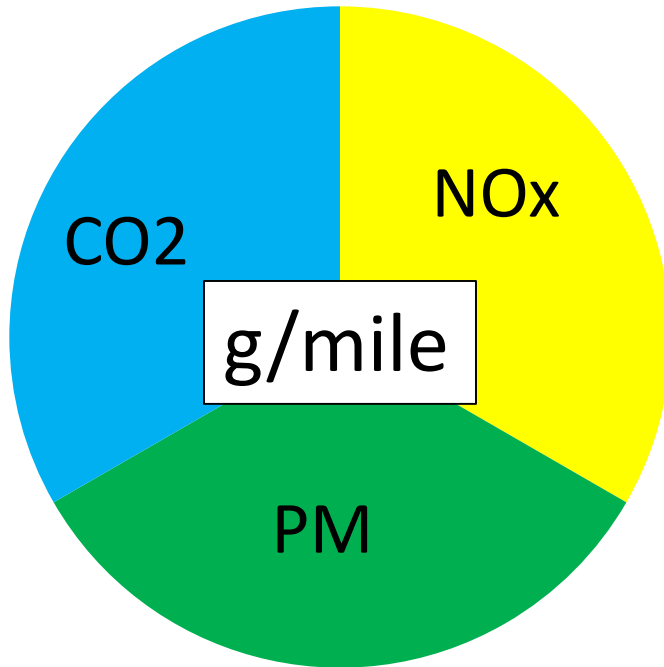
- Stores and manages all SmartWay data
- Allows industry benchmarking

SmartWay Website

- Contains downloadable versions of all tools, user guides, technical documentation, webinars, program descriptions. <http://www3.epa.gov/smartway/>



SmartWay's Current 6 Emission Metrics



Pollutants		Metrics	
CO ₂	Carbon Dioxide: a surrogate for fuel efficiency and global warming	Grams per Mile	Amount of pollution produced for every mile travelled
NO _x	Oxides of Nitrogen: known for creating smog, a concern for local areas	Grams per Ton-mile	Amount of pollution produced for every ton that travels one mile, usually the best metric to use
PM	Particulate Matter: known for creating black soot, a concern for local areas		

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- **Background**
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- **Key points to remember when filling out your tool**

SmartWay Online Application

EPA United States Environmental Protection Agency

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• CONGRATULATIONS •
= 2015 =
... SMARTWAY ...
EXCELLENCE
AWARDEES

EPA recognizes top-performing Shipper and Logistics Company partners at the 2015 SmartWay Excellence Awards.

• [Learn more about the SmartWay Excellence Awards](#)

1 2 3

ABOUT

- Basic Information about SmartWay
- Outreach and Education Resources
- List of SmartWay Partners & Affiliates
- Trends, Indicators & Partner Statistics (TIPS)
- Certified Cars, Trucks, & SUVs
- What You Can Do

JOIN

- For Freight Shippers
- For Carriers (Truck, Rail, Air, Barge, and Multimodal)
- For Logistics Companies
- For Countries
- For Supporters & Affiliates

FOR PARTNERS

- Tools and Guidance
- Tractor & Trailer Logo Use
- Performance Data for Partners
- Data Quality Resources
- Technology Resources
- Manufacturer Resources
- SmartWay Excellence Awards

NEWS & EVENTS

Webinars

- **2016 New, Improved SmartWay Truck Carrier Tool Demonstration Webinar**
January 20, 2016, 2:00 PM - 3:00 PM

WHAT'S NEW

Program Announcements

- **January 7, 2016:** The 2016 SmartWay Truck Carrier Tool, which utilizes Truck Carrier Partner data from the 2015 calendar year to assess

STAY CONNECTED

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SmartWay

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You are here: EPA Home » Transportation and Air Quality » SmartWay » Joining SmartWay as a Freight Carrier

Joining SmartWay as a Freight Carrier

Today's freight shipping clients are increasingly demand accountability and transparency from the companies in their supply chain, including their transportation partners.

Smart transportation and logistics companies are benchmarking and tracking their efforts to increase efficiency and economy. The SmartWay program helps freight carriers demonstrate their efficiency, show continuous improvement, and learn best practices to become even better.

Get SmartWay Updates

Enter your email address to sign up for SmartWay e-Updates

Input field for email address and SIGN UP button

"You will need Adobe Reader to view some of the files on this page. See EPA's PDF page to learn more."

- What is SmartWay Why Join SmartWay How SmartWay Works How to Join SmartWay

About SmartWay

The SmartWay program helps transportation providers to benchmark, measure and track their efforts to improve efficiency and reduce their carbon footprint. SmartWay is a voluntary program. The EPA provides resources for both freight shippers and freight carriers to help them establish green freight initiatives that get measurable results.

Endorsed by leading freight sector associations such as the American Trucking Association (ATA) and the Council for Supply Chain Management Professionals (CSCMP), the SmartWay program has been used by over 3,000 companies and organizations to reduce the environmental impacts of goods movement.

Learn more about SmartWay:

- SmartWay Carrier Overview (2 pp, 486K, EPA-420-F-16-003, January 2016) New!
An overview of SmartWay and its components (PDF) (1 pg, 523K, EPA-420-F-15-033, July 2015)
An overview of the partnership (PDF) (2 pp, 1.5 MB, EPA-120-F-15-034, July 2015)
Highlights of environmental achievements by SmartWay partners (PDF) (1 pg, 531K, EPA-420-F-15-031, June 2015)

This page is maintained by EPA's Office of Transportation and Air Quality (OTAQ).

For more: About Us | Browse the A to Z Subject Index. For questions, technical assistance or more information: Contact Us

Step1: the user selects which partner type they are

SmartWay Partner Application

app5.erg.com/smartwayonramp/onramp/index.cfm?CFID=8222&CFTOKEN=29d60cf0591842b2-F5E6D465-F4B3

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You are here: EPA Home » Transportation and Air Quality » SmartWay » SmartWay Partner Application (the SmartWay Onramp)

SmartWay Partner Application (the SmartWay Onramp)

Step 1: **Select Partner Type** | Step 2: Review Agreement | Step 3: Enter Company & Contact Information | Step 4: Enter Fleet Information | Step 5: Submit Your Information

Thank you for your interest in becoming a SmartWay Partner.

To get started as a SmartWay Partner, first determine and select your Partner type.

Partner Types

All SmartWay Partners qualify in one or more of the Partner categories listed below. Each component of your company that matches a Partner category should submit its own partnership application, if it is not already a SmartWay Partner. For example, if you are a Shipper that has its own private truck fleet, select Truck below. Once you have submitted your truck information, return to this screen, select Shipper and complete your shipper information.

Review the list below and select your Partner type. You will be linked to the appropriate screen based on your choice.

- Shipper Partner** – Your company is a retailer, manufacturer or user of goods that contracts the shipping of its inbound or outbound freight with outside firms
- Logistics Company Partner** – Your company is a freight broker or forwarder, third or fourth party logistics provider, or non-asset based carrier
- Truck Carrier Partner** – Your company operates and manages or leases its own for-hire or private fleet and contracts the shipping of 5% or less of its freight with outside firms
- Rail Carrier Partner** – Your company is a commercial class 1, 2, or 3 rail carrier and you operate and manage your own locomotives and are hired by others to move their freight
- Barge Carrier Partner** – Your company operates and manages or leases its own barge fleet and is hired by others to move their freight
- Air Carrier Partner** – Your company operates and manages or leases its own air fleet and is hired by others to move their freight
- Multi-modal Carrier Partner** – Your company uses two or more modes: truck, rail, logistics, barge and/or air to move freight

Don't see a category that fits your company or organization? You may be eligible to become a **SmartWay Affiliate**, or **SmartWay Supporter**. Learn more by clicking [here](#).

If you have questions regarding how you fit into SmartWay, call us at (734) 214-4767 or email us at smartway_transport@epa.gov

Save & Continue

Step2: the user reads and confirms they understand the Partnership Annual Agreement

The screenshot shows a web browser window with the URL `app5.erg.com/smartwayonramp/onramp/step2.cfm`. The page title is "SmartWay Partner Application (the SmartWay Onramp)". The navigation bar includes "SmartWay", "You are here: EPA Home » Transportation and Air Quality » SmartWay » SmartWay Partner Application (the SmartWay Onramp)", and a "Contact Us" link. A progress indicator shows five steps: Step 1: Select Partner Type, Step 2: Review Agreement (highlighted with a dashed green box), Step 3: Enter Company & Contact Information, Step 4: Enter Fleet Information, and Step 5: Submit Your Information. The main heading is "Review the Partnership Agreement". Below it, a text block states: "Review the one page SmartWay Partnership Agreement in its entirety below." A large grey box contains the "Partnership Annual Agreement for Carriers". It starts with "With this annual agreement, your company joins EPA's SmartWay Transport Partnership and commits to:" followed by three numbered items: 1. Measure and report to EPA on an annual basis the environmental performance of your fleet(s) using EPA's SmartWay Tool. (Existing fleets must report the 12 months of data for the prior year ending December 31. Newly formed companies require a minimum of 3 months of operational data.) 2. Have performance results and Tool submittal status posted on the EPA SmartWay website/database. 3. Agree to submit supporting documentation to EPA for any data used to complete this Tool and agree to EPA audit of this data upon request by EPA. Below this is "In return, EPA commits to:" followed by three numbered items: 1. Promote company participation in the Partnership by posting Partner names on the EPA SmartWay Website and in related educational, promotional, and media materials. EPA will obtain express written consent from the Partner before using the Partner's name, other than in the context of increasing public awareness of its participation as described here. 2. Provide companies with industry-wide performance benchmark data as this data becomes available to EPA. 3. Assist Partners in achieving emission and fuel usage reduction goals (subject to Federal Government Appropriations). The section "General Terms" follows, with six numbered items: 1. If the Partner or EPA defaults upon this agreement at any point, the agreement shall be considered null and void. 2. Either party can terminate the agreement at any time without prior notification or penalties or any further obligation. 3. EPA agrees not to comment publicly regarding the withdrawal of specific Partners. 4. EPA reserves the right to suspend or revoke Partner status for any Partner that fails to accomplish the specific actions to which it committed in the SmartWay Transport Partnership Agreement and subsequent annual agreements. 5. The Partner agrees that it will not claim or imply that its participation in the SmartWay Transport Partnership constitutes EPA approval or endorsement of anything other than the Partner's commitment to the program. The Partner will not make statements or imply that EPA endorses the purchase or sale of the Partner's products and services or the views of the Partner. 6. Submittal of this SmartWay Tool annually constitutes agreement to all terms in this Partnership Agreement. No separate agreement need be submitted. At the bottom of the agreement box, there is a red arrow pointing to an unchecked checkbox followed by the text "I understand and agree to the terms of this agreement." Below the agreement box, a footer text reads: "If you have questions regarding how you fit into SmartWay, call us at (734) 214-4767 or email us at smartway_transport@epa.gov".

SmartWay
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SmartWay Partner Application (the SmartWay Onramp)

Step 1: Select Partner Type Step 2: Review Agreement Step 3: Enter Company & Contact Information Step 4: Enter Fleet Information Step 5: Submit Your Information

Review the Partnership Agreement

Review the one page SmartWay Partnership Agreement in its entirety below.

Partnership Annual Agreement for Carriers

With this annual agreement, your company joins EPA's SmartWay Transport Partnership and commits to:

1. Measure and report to EPA on an annual basis the environmental performance of your fleet(s) using EPA's SmartWay Tool. (Existing fleets must report the 12 months of data for the prior year ending December 31. Newly formed companies require a minimum of 3 months of operational data.)
2. Have performance results and Tool submittal status posted on the EPA SmartWay website/database.
3. Agree to submit supporting documentation to EPA for any data used to complete this Tool and agree to EPA audit of this data upon request by EPA.

In return, EPA commits to:

1. Promote company participation in the Partnership by posting Partner names on the EPA SmartWay Website and in related educational, promotional, and media materials. EPA will obtain express written consent from the Partner before using the Partner's name, other than in the context of increasing public awareness of its participation as described here.
2. Provide companies with industry-wide performance benchmark data as this data becomes available to EPA.
3. Assist Partners in achieving emission and fuel usage reduction goals (subject to Federal Government Appropriations).

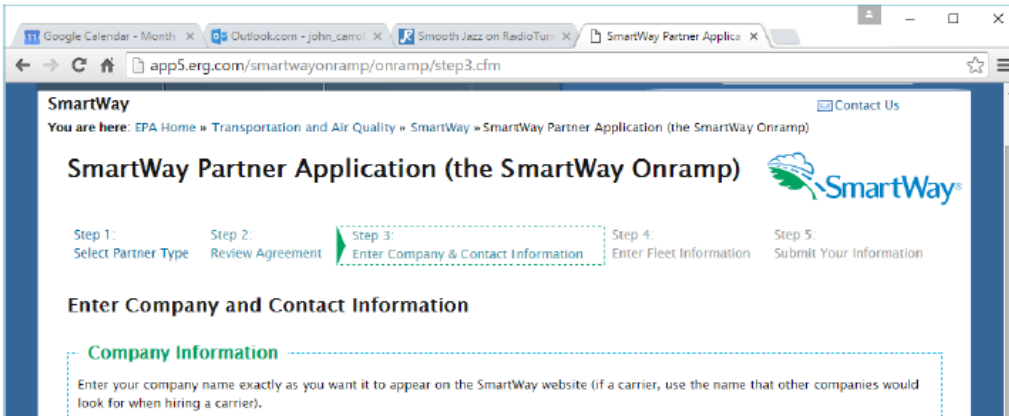
General Terms

1. If the Partner or EPA defaults upon this agreement at any point, the agreement shall be considered null and void.
2. Either party can terminate the agreement at any time without prior notification or penalties or any further obligation.
3. EPA agrees not to comment publicly regarding the withdrawal of specific Partners.
4. EPA reserves the right to suspend or revoke Partner status for any Partner that fails to accomplish the specific actions to which it committed in the SmartWay Transport Partnership Agreement and subsequent annual agreements.
5. The Partner agrees that it will not claim or imply that its participation in the SmartWay Transport Partnership constitutes EPA approval or endorsement of anything other than the Partner's commitment to the program. The Partner will not make statements or imply that EPA endorses the purchase or sale of the Partner's products and services or the views of the Partner.
6. Submittal of this SmartWay Tool annually constitutes agreement to all terms in this Partnership Agreement. No separate agreement need be submitted.

I understand and agree to the terms of this agreement.

If you have questions regarding how you fit into SmartWay, call us at (734) 214-4767 or email us at smartway_transport@epa.gov


Step3: the user enters Company and Contact Information



SmartWay [Contact Us](#)

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SmartWay Partner Application (the SmartWay Onramp)



Step 1: Select Partner Type Step 2: Review Agreement **Step 3: Enter Company & Contact Information** Step 4: Enter Fleet Information Step 5: Submit Your Information

Enter Company and Contact Information

Company Information

Enter your company name exactly as you want it to appear on the SmartWay website (if a carrier, use the name that other companies would look for when hiring a carrier).

Name:*

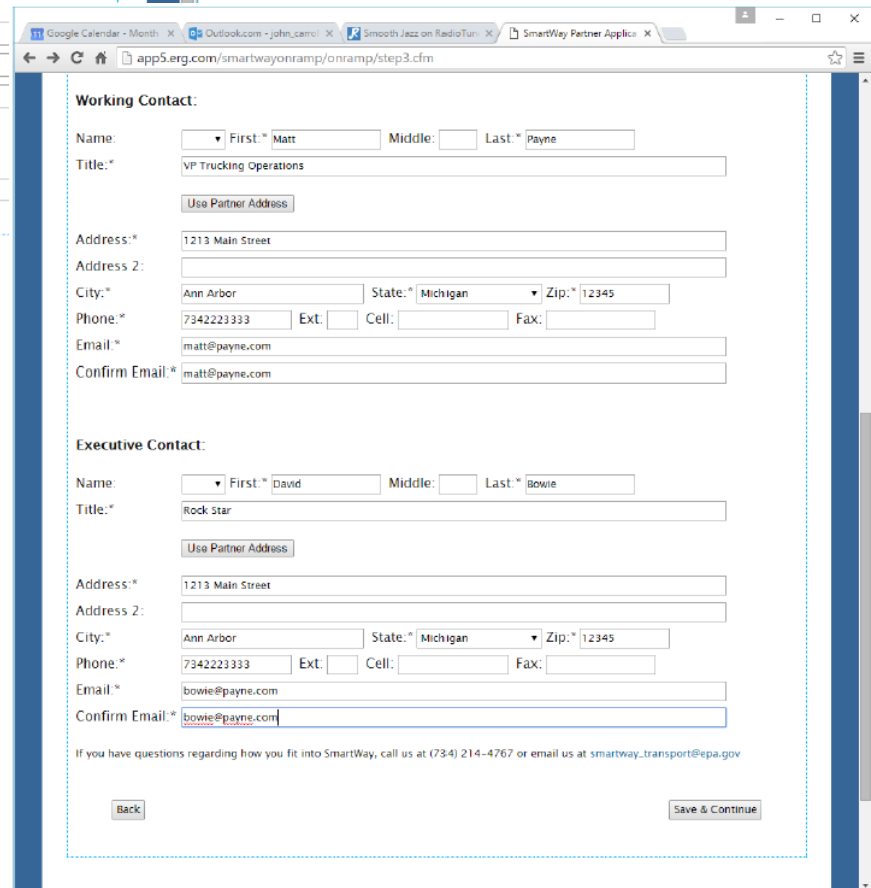
Address:*

Address 2:

City:* State:* Zip:*

Phone:* Toll Free Phone:

Website:



Working Contact:

Name:

Title:*

Address:*

Address 2:

City:* State:* Zip:*

Phone:* Ext: Cell: Fax:

Email:*

Confirm Email:*

Executive Contact:

Name:

Title:*

Address:*

Address 2:

City:* State:* Zip:*

Phone:* Ext: Cell: Fax:

Email:*

Confirm Email:*

If you have questions regarding how you fit into SmartWay, call us at (734) 214-4767 or email us at smartway_transport@epa.gov

Step 4: the user answers two questions about the Company

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SmartWay Partner Application (the SmartWay Onramp)

Step 1: Select Partner Type Step 2: Review Agreement Step 3: Enter Company & Contact Information **Step 4: General Information** Step 5: Submit Your Information

Please tell us about your company:

How many aircraft do you operate?

Is one of your customers asking you to join SmartWay?

Yes

No

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Step 5: Confirm and Submit

The screenshot shows a web browser window with the URL `app5.epa.gov/smartwayonramp/onramp/step5.cfm?CFID=8223&CFTOKEN=4a5431b76ad7d21-F60E227A-A76B-99C2-`. The page is the EPA SmartWay Partner Application (the SmartWay Onramp) Step 5: Submit Your Information. The EPA logo and navigation menu are at the top. The main content area includes a breadcrumb trail, a progress indicator with five steps, and a section titled "Check Your Information and Submit" with a "Company Information" box containing contact details for Payne Air Cargo.

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SmartWay Partner Application (the SmartWay Onramp)



Step 1: Select Partner Type Step 2: Review Agreement Step 3: Enter Company & Contact Information Step 4: Enter Fleet Information **Step 5: Submit Your Information**

Check Your Information and Submit

Please review your information below. If any of the information you entered is incorrect, please use the **BACK** button to correct it. You may print this page for your records. Once you select the **SUBMIT** button below, your information will be sent to the SmartWay program. You will initially receive a confirmation email that includes your unique SmartWay ID. You will be contacted within 3 business days by a SmartWay Partner Account Manager. If for any reason you do not receive the confirmation email or are not contacted by a SmartWay Partner Account Manager, please contact the SmartWay help line at 734-214-4767.

Company Information

Air Carrier
Payne Air Cargo
1213 Main St.
Ann Arbor, MI 12345
734-222-3333

Covered Today

- **Background**
- **What's new this year**
- **Demonstration: 2016 Air Tool**
- **Key points to remember when filling out your tool**


SmartWay Air Tool

- CO2 emissions based on fuel consumed
- NOx and PM based on Aircraft-specific LTO activity from FAA's EDMS model – transitioning to data from AEDT
- Now for the Demo ...

Air Tool Demonstration

Font Alignment Number Styles Cells Editing

SmartWay Introduction



Data Year 2015

OMB 2060-0663
Expiration Date 07/31/2017
(Revised 2014)

Air
United States Version: 2.0.15
Released on: 04/02/2016

Introduction

Welcome to the SmartWay Air Tool. This version of the Air Tool encompasses air freight movements.

For additional information such as the Tool user guide, technical manual or other support materials, select the button below:

[Go To Air Tool Page of the SmartWay Website](#)

Or call the SmartWay Helpline at: (734) 214-4767
Or email the Helpline at: smartway_transport@epa.gov

Tool Help and Navigation

Throughout the Tool, you will see numerous buttons. Becoming familiar with these buttons will make completing the Tool easier and faster. If a button contains an underlined character, you can also select that button using the keyboard by typing the {Alt} key along with the underlined character.

HELP	Provides instructions for completing each screen	NEXT	Proceed to the next screen
ADD COMMENTS	Allows you to add notes or clarifications. The button text changes if a comment has been entered.	BACK	Return to the previous screen
VALIDATE SCREEN	Checks your data input for missing or invalid information	?	Provides additional information about data entry fields
ZOOM IN	Enlarges the text on the screen		
PRINT SCREEN	Sends an image of the screen to your default printer		

FILING FORMS WITH THE FEDERAL GOVERNMENT AND ESTIMATED REPORTING BURDEN: Respondents are not required to file or reply to any Federal collection of information unless it has a valid OMB control number. Public reporting burden for this collection of information is estimated to average 5.82 hours per response for initial registration, 2.66 hours for each annual update. These estimates include the time for reviewing instructions, searching existing data sources, gathering the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information including suggestions for reducing this burden to: SmartWay Transport Partnership, 2000 Traverwood, Ann Arbor, MI 48105, or the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C.

[ZOOM IN](#) [PRINT SCREEN](#) [NEXT](#) [QUIT](#)

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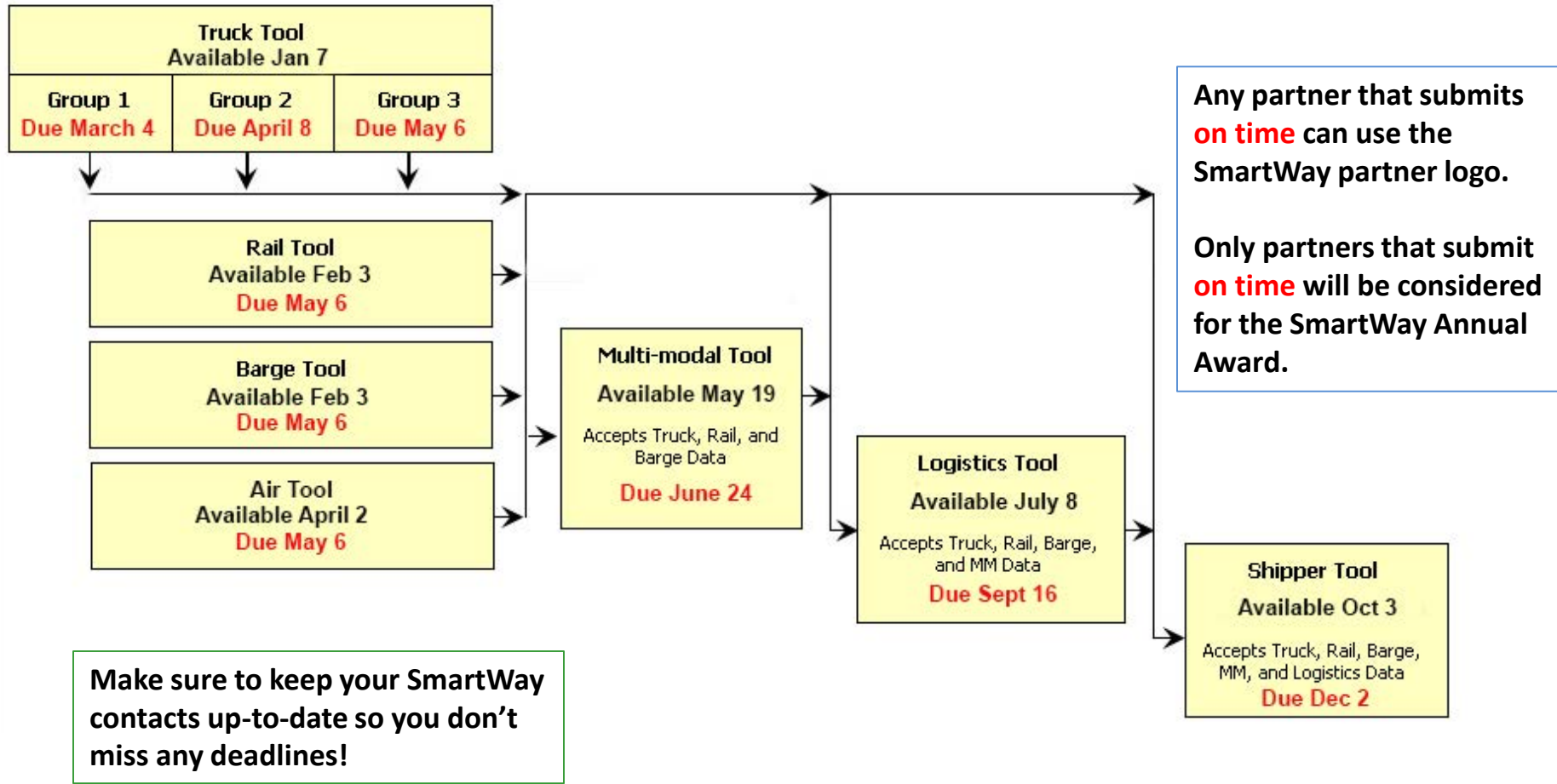
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2016 SmartWay Schedule

(Tool Information Flow, Availability and Due Dates)

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec



Please Remember

- Pay attention to SmartWay emails
- Make sure you don't treat our emails like spam
- Have a current SmartWay contact and insure continuity of operations if you leave your position
- Have a backup person in your organization
- Save your SmartWay work in a folder
- Use SmartWay for benchmarking and Improvement
- If you have a question- don't hesitate: ask your Partner Account Manager.
- Know who your Partner Account Manager is!

SmartWay: You are part of a Global Movement



- *SmartWay is the Gold standard for freight carbon tools. -MIT*