

SMARTWAY LEGACY FLEET WORK GROUP STATUS

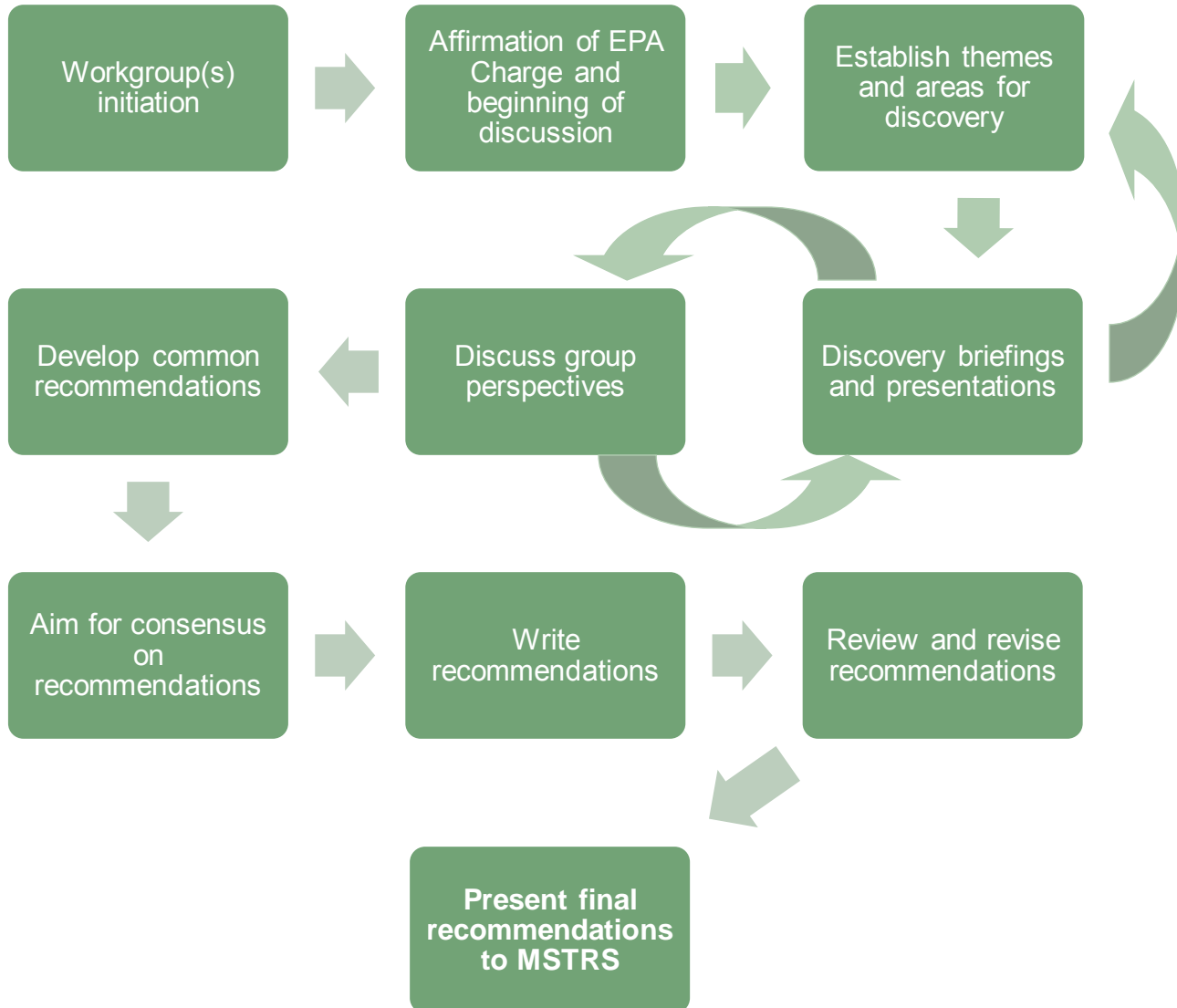
Dec 13, 2012

SmartWay Work Group Configuration

Workgroup divided into three subworkgroups to address Charge:

- **Subworkgroup #1** – How to accelerate and sustain continued legacy fleet efficiency improvements in the trucking and rail sectors.
- **Subworkgroup #2** – Explore opportunities for additional fuel savings and emission reductions from *other freight* transport modes such as marine vessels and air freight.
- **Subworkgroup #3** – Explore opportunities to apply the public-private, market based partnership model to the Nonroad sector.

Work Group Roadmap



Workgroup Meetings and Calls

Meetings, calls and presentations	#1 Truck and Rail	#2 Other Modes	#3 Non-Road
Joint workgroup meeting Washington DC	Oct 5, 2011		
MSTRS meeting Washington DC	Oct 6, 2011		
Initial sub-workgroup call	Nov 14, 2011	Nov 14, 2011	Nov 30, 2011
CSU and Miami U of Ohio SmartWay study presentation	Dec 7, 11		
Sub Workgroup workplan planning call	Jan 13, 2012	Jan 12, 2012	Jan 17, 2012
SmartWay quantification & Program result reporting presentation	Feb 15, 2012		
Freight Supply Chain Carbon Accounting Protocols presentation	Mar 1, 2012		
ARCADIS study presentation	x	x	Mar 27 2012
Sub-workgroup working call	April 10, 2012	April 11, 2012	April 11, 2012
Joint workgroup meeting Washington DC	April 18, 2012		
MSTRS meeting Washington DC	April 19, 2012		
Strawman team call	May 4, 2012		
Strawman team call	May 14, 2012		
Joint Workgroup planning call	June 1, 2012		
Sub-workgroup working call	x	July 11, 2012	July 18, 2012
Sub-workgroup working call	Aug 1, 2012	Aug 8, 2012	x
Sub-workgroup working call	Sept 5, 2012	Sept 12, 2012	Sept 19, 2012
Sub-workgroup working call	Oct 5, 2012	Oct 10, 2012	Oct 17, 2012
Joint Workgroup call on Ports Initiative	Oct 16, 2012		
Sub-workgroup working call	Nov 7, 2012	Nov 14, 2012	Nov 28, 2012
Joint workgroup meeting Washington DC	Dec 12 2012		

Workgroup Documents and Resources

	#1 Truck and Rail	#2 Other Modes	#3 Non-Road
EPA Charge	x	x	x
EPA SmartWay overview ppt	x	x	x
World Bank Green Freight ppt	x	x	x
MIT SmartWay Report	x	x	x
Minutes from Oct 5, 2011 meeting	x	x	x
MIT SmartWay paper	x	x	x
Subworkgroup summary doc	x	x	x
Workgroup contact list	x	x	x
Kraft SmartWay ppt	x	x	x
CSU/Miami Study – Exec summary	x	x	x
CSU/Miami Study – ppt	x	x	x
CECE-CEMA Press release			x
CECE-CEMA Success Stories			x
Arcadis Non-Road GHG Report			x
Nonroad petition to EPA			x
SmartWay Performance Reporting ppt	x	x	x
Arcadis Non-Road ppt			x
BSR Clean Cargo Summary		x	
BSR Clean Cargo Emission Factors		x	
BSR Freight Supply Chain Carbon Accounting		x	
Strawman Proposal	x	x	x
Sector Evaluation Worksheet Template	x	x	
EPA Inspector General Report	x	x	x
Port Dray Evaluation	x		
Vocational Trucks Evaluation	x		
Small Carrier Evaluation	x		
Air Cargo Evaluation		x	
Marine Evaluation		x	
CCWG Reciprocity Concept Paper		x	
Caterpillar Concept paper			x
Peabody presentation			x

Workgroup Recommendation Themes

- As EPA considers potential for expansion of SmartWay, sector-specific differences become more evident
- Overall goal update Address changes due to potential expansion into new sectors, regulatory impacts
 - e.g. On-Highway Truck GHG Rule
 - pre-existing sectoral programs such as BSR Clean Cargo Workgroup
- Enhancing data quality & IG Report considerations
 - Striking balance of maintaining voluntary program participation benefits while documenting credibility, and preserving brand integrity
- Building on SmartWay brand equity & creating value for program participants to generate greater emissions reductions
- Balancing SmartWay program administration and potential program expansion with Agency resources

Workgroup Recommendation Themes

Work Group 1 -- Truck & Rail

- Sectoral aspects of expansion
 - Closer look at business segment characteristics
 - e.g., Vocational, Drayage, smaller firms and owner operators
- Operator/driver training & impact
- Alignment with 2014 HD GHG rule and resulting impact on new or changing product features, technologies & fuels
- Enhanced Rail and Logistics visibility & operational practices
 - e.g. Modal decisions & operational technique integration

Workgroup Recommendation Themes

Work Group 2 -- Air & Marine

- Recognize unique characteristics of air cargo sector
 - Only 2-3 meaningful players
 - Proprietary data concerns

- Integrating Marine with EPA Ports Initiative
 - Ensuring complementary efforts achieve common goals

- Integration with global supply chain and carbon accounting initiatives
 - International, multimodal goods movement
 - BSR Clean Cargo Workgroup reporting for marine sector
 - Key consideration: avoiding duplicating accounting/reporting systems, potential for data reciprocity

Workgroup Recommendation Themes

Work Group 3 -- Nonroad

- Recognition of sector diversity & business segment diversity
 - e.g. Large stationary businesses vs. transient project uses
 - Consideration of market drivers and levers

- Protecting SmartWay brand integrity
 - Consider *alternative* brand to distinguish from freight sector
 - Identify elements, tools, features or assets of SmartWay program that might be adapted or replicated for Nonroad sector

- Sub-sector prioritization based on fuel usage/emissions
 - Identify where greatest potential for reductions might be generated