

The State of NARSTO

2009 Executive Assembly

April 15, 2009

Washington, D.C.

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Management Coordinator



Overview

- Meeting Preview
- Past Year's Accomplishments
- Funding Situation
- The Future



Meeting Preview

Day 1

- NARSTO Multipollutant Assessment
 - Motivation for assessment and charge to assessment team
 - Findings: Health Effects
 - Findings: Ecosystems
 - Conclusions and recommendations
 - Implications for monitoring systems: a panel discussion
- Report on Northeast Emissions Workshop



Meeting Preview (Continued)

Day 2

- Report of the NARSTO Review Panel
 - Overview of the panel's methodology, findings, and recommendations
 - Additional observations by panel members
 - Executive Assembly discussion
- Executive Assembly Comments and Guidance Regarding the Future of NARSTO



2008-2009 Accomplishments

- Multipollutant Assessment Largely Completed
 - Considerable editorial work remaining to prepare for publication by AWMA
- Northeast Emissions Workshop Held
 - Report in preparation
- Review of NARSTO Organized and Completed
- Briefings on MP Assessment and NARSTO Review To
 - Canada/US Air Quality Committee (Nov 2008)
 - CENR Subcommittee on Air Quality Research (March 2009)
 - Air Quality Advisory Board, International Joint Commission (March 2009)



2008-2009 Accomplishments

Publications

Brook, J.R., M.D. Moran, W. Pennell, and L. Craig: 2009, “Elements of Air Quality Management: Atmospheric Science Tools for Developing Effective Policy”, in *Air Pollution and Health Impacts*, B. Gurjar, L. Molina, and C.S.P. Ojha, CRC Press and Taylor & Francis (in Press).

Brook, J.R., K.L. Demerjian, G. Hidy, L.T. Molina, W.T. Pennell, and R. Scheffe: 2009, “New Directions: Results-Oriented Multi-Pollutant Air Quality Management”, *Atmospheric Environment*, **43**, pp. 2091-2093.

Craig, L., J.R. Brook, Q. Chiotti, B. Croes, S. Gowers, A. Hedley, D. Krewski, A. Krupnick, M. Krzyzanowski, M.D. Moran, W. Pennell, J. Samet, J. Schneider, J. Shortreed, and M. Williams: 2008, “Air pollution and Public Health: A guidance Document for Risk Managers”, *J Toxicol Environ Health, Part A*, **71**, pp. 588-698.



Current Funding (FY 09 - Infrastructure)

Task	Expenses to Date	Commitments	Projected Costs
ORISE Operations	\$10,475	\$10,475	\$20,950
Technical Editing	\$4,845	\$7,630	\$12,475
MP Co-Chair Support	\$14,646	\$16,808	\$31,454
MP External Review	\$44,765	\$8,868	\$53,633
NARSTO Executive Assembly	\$1,323	\$27,357	\$28,680
NARSTO Panel Review	\$55,022	\$12,573	\$67,595
Panel Review Publication		\$1,994	\$1,994
MP Assessment Publication			\$0
		Total Projected Costs	\$216,781
Available Funds	\$223,250	Uncommitted	\$6,469
EPA	\$159,763		
NOAA	\$19,417		
Envair/DOE	\$236		
API	\$9,709		
CARB	\$4,999		
CREA/DOE	\$29,126		



Current Funding

(CY 09 - Management Coordinator)

Funds Available (1/1/09)	\$310,754
Expended to Date (3/31/09)	\$77,722
Projected (4/1/09 – 12/31/09)	\$186,638
Uncommitted Balance (12/31/09)	<u>\$46,394</u>



Past Funding History

(MC Office & QSSC)

Year	Mgt. Coordinator	QSSC	Comments
2009	\$250,000	\$295,000	The QSSC is located at ORNL and funded via the ARM Program For 2006 - 2009 MC office funded via a direct grant to CREA
2008	\$250,000	\$295,000	
2007	\$337,000	\$295,000	
2006	\$328,000	\$295,000	
2005	\$66,000	\$295,000	2005 was a transition year. \$66K via PNNL subcontract to CREA
	\$300,000		\$300K to PNNL while new MC was a PNNL employee
	\$50,000		\$50K via Argonne subcontract to Jake Hales (Envair)
2004	\$370,000	\$295,000	1996-2004 MC funded via subcontract from Argonne to Envair
	\$50,000		Support to David Street for Emissions Inventory Assessment
2003	\$370,000	\$295,000	
2002	\$370,000	\$295,000	
2001	\$370,000	\$295,000	
	\$35,000		Support to David McCellan for PM Assessment
2000	\$330,000	\$295,000	
1999	\$372,000	\$295,000	
1998	\$330,000	\$295,000	
1997	\$0	\$295,000	
1996	\$102,000		Note: PNNL and ANL subcontracts include PNNL and ANL overhead
Totals	\$4,280,000	\$3,835,000	



Past Funding History (Infrastructure Budget)

<u>Contributor</u>	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	By Org
Environment Canada	10,000		10,000	10,000			5,760					8,000	43,760
Environmental Protection Agency	10,000	10,000	30,000	20,000	55,000	45,000	155,000	155,000	100,000	155,000	155,000	100,000	990,000
Ford Motor Company	10,000			10,000									20,000
Pennsylvania Power & Light	10,000			10,000									20,000
General Motors Corp.		10,000		5,000			5,000						20,000
Edison Electric Inst.		5,763											5,763
American Petroleum Institute			10,000					5,000				10,000	25,000
Dunn-Edwards Corp.				10,000									10,000
Mid-Atlantic Regional Air Mgt. Assoc.				7,500									7,500
NOAA, Boulder, CO					11,000							20,000	31,000
DOE-Global Change						10,000							10,000
California Air Management Assoc.						2,000							2,000
ENVAIR								7,588					7,588
NYS Energy R&D Authority									5,000				5,000
California Air Resources Board												4,999	4,999
Total	\$40,000	\$25,763	\$50,000	\$72,500	\$66,000	\$57,000	\$165,760	\$167,588	\$105,000	\$155,000	\$155,000	\$142,999	



Minimum Annual Budget (Core Activities)

Management Coordinator's Office	\$250,000
Executive Assembly	\$35,000
Technical Editing	\$5,000
Misc. Travel Support	\$10,000
ORISE Management Cost	\$5,000
Associate Management Coordinator	In kind



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The Future

- Executive Assembly needs to decide, at this meeting, whether or not to continue NARSTO
- The critical question: Who will fund core activities?
 - What is included?
 - At what annual level?
 - Over what interval?
 - Via what mechanisms?
 - How would transition from current to future funding model be managed?
- NARSTO Review Panel is recommending changes to funding model and for improving NARSTO strategic planning and integration
- If the EA decides to terminate NARSTO or if a workable funding model cannot be developed, shutdown will commence this fall

