

Green Suppliers Network (GSN)



- Collaboration between EPA and DOC Commerce
- National Institute of Standard and Technology Manufacturing Extension Partnership (NIST/MEP)
- Provides low cost technical reviews to small and medium-sized manufacturers using Lean and Clean methodologies to increase productivity, reduce waste, and boost profitability

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The Green Suppliers Network Key Players and Roles



- · US EPA, OPPTS, Pollution Prevention Program
 - Founded and piloted program in 2001
 - Coordinates, manages and funds Green Suppliers Network
- NIST MEP
 - Organized under the Department of Commerce, National Institute Of Standards And Technology, Manufacturing Extension Partnership (NIST MEP)
 - Certified MEP Centers conduct technical reviews
- EPA Regions
 - Uses Green Suppliers Network to support Regional priorities
- State Pollution Prevention (P2) Technical Assistance Providers (TAPs)
 - Partner with NIST MEP centers in reviews and provide environmental expertise
- Large Manufacturers and Supply Chains
- Suppliers







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What is Unique About the Green Suppliers Network?



- Aligns environmental and economic interests throughout the supply chain
- Brings together two national systems State P2 TAPs and MEP centers
- Intended to support not replace existing State and Regional programs
- Meeting industry needs to work with and support its suppliers
- Industry drives supplier participation, not EPA
- Brings cost savings to suppliers
- Collects aggregate data through review process







The Green Suppliers Network How It Works



- Step 1. EPA engages large manufacturer supply chain.
- Step 2. Large manufacturer solicits supplier participation, or supplier self-nominates
- **Step 3**. Green Suppliers Network review team (NIST MEP and State environmental experts) to provide Lean and Clean technical assistance to suppliers.
- **Step 4.**The Team works with supplier facility to identify, prioritize and implement solutions that achieve business and environmental results.
- **Step 5**. NIST MEP completes final report including a cost benefit analysis of all identified opportunities with input from the State practitioners.
- Step 6. The Team works with facility to act on opportunities and can identify regional/state implementation support
- Step 7. NIST MEP conducts follow-up survey with supplier one year later.







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Participation Benefits for States



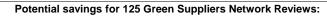
- Leverages successful model
- · Delivery mechanism for other state programs
- GSN Review Team becomes point of contact for company
- Measurable positive impact on the state economy
- Standardized metrics
- Additional formal training/tools from national resources such as new On-Line Training available at https://www.greensuppliers.gov







Green Suppliers Network Results



Cost Savings from Environmental Impact Opportunities	\$24,621,055
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Energy Conservation (MM BTUs)	2,940,082
Water Conservation (Gallons)	92,239,037
Air Emission Reduction (lbs)	1,825,721
Solid Waste Reduction (lbs)	8,133,044
Cost Savings from Lean Opportunities	\$36,214,040
Cost Savings from Other Opportunities	\$1,146,947
Total Potential Cost Savings	\$61,982,042
Cost Savings from One-time Lean	
Opportunities	\$38,355,551







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Review Specifics



- Cos
- \$7,500 Cost of review
 - \$1,000 U.S. EPA program discount*
 - \$6,500 Total cost to supplier for Green Suppliers review
- Supplier benefits often exceed 3:1 ROI
- · Reviews offered first come, first served
- Reviews focus on single process
- On-site reviews take 2-3 days
- Reports generated in 4-6 weeks
- · Technical assistance providers disclosed before review

*Suppliers must qualify under SBA's definition of a small business as having 500 employees or less per facility.









Regions 1 and 2 Participation in GSN

- 40 Reviews completed to date
- 2 Reviews in progress
- 5 Leads (identifying the review team)

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Funding Opportunities for States



- P2 Grants
- Source Reduction Assistance Grants
- Grants should line up with Regional priorities
- Several states (TX, MI, MO) have used these grants to support their participation in the GSN







GSN Special Projects



- Utility Alliance looking at same product suppliers for opportunities to green through GSN assessments
- Baxter Healthcare GSN assessments aligned with suppliers of specific product/process
- Sector approaches to suppliers







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Contact Information



For more information about the Green Suppliers Network visit www.greensuppliers.gov or contact:

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