Greening the Supply Chain

An Innovative Government-Industry Partnership

March 22, 2005

AGENDA

- EPA Greening the Supply Chain Projects – Brief Overview, Linda Darveau, USEPA Region1
- The EMS User Group Project - Patti Carrier, New Hampshire Ball Bearings
- Green Suppliers Network - Judy Wlodarczyk, ConnSTEP
- Next Steps
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- OEM’s are now assembly plants
- Regulated processes are outsourced to small manufacturers.
- OEMS not held responsible for the full environmental impact of their products.
- Greening the Supply Chain leverages environmental improvement at small manufacturers.

Region I EMS User Groups

- User groups: First developed by Southern Cal. Trade Assoc. & Region 9
- Region I twist- using the supply chain market forces to promote environmental management systems among small manufacturers.
- Six-eight month program based on EMS Guide.
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- GSN-EPA Headquarters Program
- Using tools already developed by NIST-MEP’s
- Pilot with Saturn-GM suppliers very successful
- Goal-to get industry to develop association to run program

Incentives for small company:
- Chance to develop relationship w/major customer
- Free training
- On site assistance
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Benefits to the Environment:
- Reaching companies we don’t normally see.
- Instilling continuous improvement ethic in small companies-ends enforcement cycle.
- Sharing of information among companies
- Improving communication between OEMs and Suppliers. (Lean, EU Directives)
- Good return on investment

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Projects:
- Raytheon: RCRA, TRI, Tier 2, Safety Training, chemical management service
- New Hampshire Ball Bearings: EMS User Group, nine companies participated.
- Pratt & Whitney/Hartford: EMS, Five companies participated.
- Pratt & Whitney/North Berwick: EMS, Ten companies participated.
- Hamilton Sundstrand/Windsor Locks, Six companies

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Critical components for a successful project:
- Good kickoff event to promote enthusiasm
- OEM support—preferably from purchasing, management
- On site assistance
- Logistics-site access
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Next Steps:
- SEP’s
- Use approach for other sectors-Fed Facilities
- Integrate into Performance Track Program
- Environmental Justice Projects