Federal Acquisition Service

BioPreferred on the Ground Level
Joshua Gallegos
Sustainable Acquisition Coordinator
on contract to
Sandia National Laboratories

March 22, 2011

Sandia National Laboratories is a multi-program laboratory managed and operated by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.
Introduction

- Department of Energy/NNSA government owned contractor operated facility
- Pollution Prevention-SNL Environmental Management System
  - Significant aspects
- P2 subject areas at SNL
- Sustainable Acquisition
  - Biobased and BioPreferred
Outline for today

- Products
- Implementation strategy
  - Relationships
  - Data
  - Requirements
- Success stories
- Continuity
  - Procurement
  - Related activities
The Products

- Mastic remover
- Penetrating lubricants
- Greases
- Glass cleaner
- Hydraulic fluid
- Food grade lubricant
- Vacuum pump oil
- Sorbent materials
- Paper shredder oil
- Biobased toner
- Roof coating systems
- Disposable gloves
- Cutlery
- Plastic bags
- 2 cycle engine oil
- Air compressor oil
Implementation

- Methods are dependent on product
- Who are the users?
- Who is already on board?
- Present Federal/Agency/Organizational drivers
  - Managers
  - Vendors
- Preferred with exceptions
  - Goal is identify and implement effective products
Implementation-Continued

- Gather data on products in use
  - Standardize
- Present manager/group leader with product sample
  - Figure out a way to collect survey information
- Collect reviews and summarize results
- Propose a substitution rule with manager/group leader
  - Monitoring/reporting
- Add to supply contract
Successes

- Mastic remover-low odor, easier clean-up. Now written into specifications.
- Lubricants-hazardous waste disposal savings. Now pump sprayers that are recyclable.
- Glass cleaners-Non-flammable. Flame cabinet storage no longer required.
- Vacuum pump oil-better efficiency, more.
- Pilots
  - Shredder oil-cheaper, performs
  - Toner-Reman and biobased win/win
Continuity

- Keep in contact with users
- Nominate for award recognitions
- Make procurement contracts reflect BioPreferred preference
- Keep biobased a topic in supplier conversations
- Contact with other sites
- Make it visible!

Photo: courtesy of biodeg.net
Contact

Joshua Gallegos
Sandia National Laboratories-Pollution Prevention (P2)
Albuquerque, NM
505.844.9028
jjgall@sandia.gov