

NNSA

**Business Management Advisory Council (BMAC)
Quality Supplier Working Group (QSWG)
Master Approved Suppliers List (MASL) Project**

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**Contractor to the U. S.
Department of Energy**





The Quality Supplier Working Group (QSWG) was established in September 2009, out of the Business Management Advisory Council (BMAC).

The BMAC is a National Nuclear Security Administration (NNSA) council consisting of the NNSA Chief Operating Officer (COO), Chief Operating Officers or equivalent from each M&O contractors, NNSA Senior Procurement Executive, NNSA Program and Site Office representatives.

Purpose - Is to ensure improved efficiencies and economies in the Nuclear Security Enterprise (NSE) throughout all business functions.

Objective - The long-term objective of the BMAC is to transform the federal and M&O community's business management processes from a tactical, reactive, single-site functionality to strategically driven integrated complex functionality that ensures maximum value for every dollar spent, directly and indirectly.

Scope – Limited to the NNSA and 8 NNSA complexes that make up the NSE.

Quality Supplier Working Group



Working Group Members:

- Michael Eshleman (Lead) NNSS
- Tony Cannon (Co-Lead) NNSS
- Darlene Johnson * NNSS
- Jerry Gutsell LANL
- Rubin Muniz SNL
- Steven Condron KCP
- Gary Ream LLNL
- Corey LaRue Y-12
- Joe Fulghum SRS
- Laura Valdez PTX

Alternate Working Group Members:

- Daniel Klimas NNSS
- Cherri French (SQA) NNSS
- Doug Wedman LANL
- Randy Monson KCP
- Steve Dehmlow Y12
- Mark Ryan SRS

- Administrative Support & Master Approved Suppliers List (MASL) Super Site Administrator

Affiliate Members: (Master Approved Suppliers List (MASL) Development Team)

- Arul Ebenezer KCP Principal Applications Analyst
- Lynette Ledger KCP Lead Programmer Analyst

Quality Supplier Working Group (QSWG) Team



Objective:

Develop and implement a NSE wide Master Approved Suppliers List (MASL) that will promote cost savings and efficiency

Scope:

Suppliers who provide items, materials, and services pertaining to NSE nuclear (NQA-1) and/or nuclear weapons (QC-1) specific programs

Deliverable:

A single Approved Suppliers list for all 8 NSE sites to use and access

QSWG Charter



- Benchmark other industry certification programs to evaluate. **(Completed)**
 - Energy Facilities Contractor Group (EFCOG)
 - Nuclear Industry Assessment Committee (NIAC)
- Enterprise strategic approach for the institutionalization of a NSE Master Approved Suppliers List (MASL). **(Completed)**
- Automate collection and delivery of a full integrated approved suppliers list consisting of approximately 1200 suppliers. **(In-process March 28, 2011)**
 - Determine feasibility of COTS and/or developed MASL database **(Completed)**
 - Administration, data entry, and maintenance of MASL **(Completed)**
 - Site specific administration of MASL **(Completed)**
- Single integrated approved suppliers database/list for all NSE sites to access and use. **(In-Progress March 28, 2011)**
 - Database/list will contain suppliers that have been approved to provide NSE with quality products or services based on NQA-1 Nuclear and/or QC-1 Nuclear Weapons requirements.

QSWG Short Range Deliverables



- Provide open web access to all NSE personnel to view approved supplier list. **(In-process March 28, 2011)**
- Delivery of MASL to the BMAC when complete. **(In-process April 2011)**
- Milestones
 - NSE general commodity list for Items & Services (44). **(Completed)**
 - We will be utilizing the United Nations Standard Products and Services Code® (UNSPSC®) as a common commodity taxonomy.
 - NSE sites shared suppliers list consisting of approximately 190 suppliers. **(Completed)**
 - NSE general data fields list. **(Completed)**
 - Development of the system/database requirements document. **(Completed)**

QSWG Short Range Deliverables (cont.)



Supported Requirements for Supplier Assessments:

- NQA-1:2000;
- NQA-1:2008 w/2009 addenda;
- QC-1 (Rev 10);
- ISO-17025;
- PQR-1050;
- PQR-1060; and
- Others

Supported Supplier Assessment Methods:

Use one or more:

- QA Document Reviews;
- Supplier History Reviews;
- On-Site Assessments;
and/or
- 3rd Party Assessments

MASL Supported Supplier Assessment Requirements and Methods



- **The MASL is a web based application that will make it possible for all NSE sites to access, use, and share information about evaluated approved suppliers.**
- **The Ariba application, database, housing the Supplier data will be located on the NNSA Portal and available for access by the QSWG members and their assigned Site Administrators utilizing their current NNSA Portal access controls. These individuals will have data entry access to maintain their own Suppliers data, as well as, view and report Supplier information across the NSE complex.**
- **There will be a daily push of any updated Supplier data from the Ariba database to a Master Approved Supplier Site Portal for view access to any individual within the NNSA NSE complex, for viewing their site specific Supplier information, without requiring any additional user access accounts.**

MASL Database



- Scope:

- **Develop an integrated, approved supplier database that can be used by each NSE entity to procure nuclear/weapons grade items and services from an approved supplier with confidence that they meet the applicable set of QA requirements.**

- Benefit:

- **Sharing a common list of approved suppliers across the NSE eliminates the redundancy of each site approving their own suppliers, often the same ones being approved by other sites as well as reduce the technical support required to maintain the list.**

MASL Database (continued)



The MASL database will provide abilities for:

- Sharing of supplier information
- Attaching multiple documents, e.g. Assessment Reports, Checklists, etc.
- Creating multiple reports
- Email notification
- Maintaining contact information for all users
- Multiple access levels
- Each NSE entity to input and maintain their sites approved supplier information
- Specified access levels to view all NSE entities supplier information
- Audit trail
- Users guides and WebEx training for users
- Portal for documents and communication, e.g., S/CI, QA Alerts, etc.
- Shared checklist

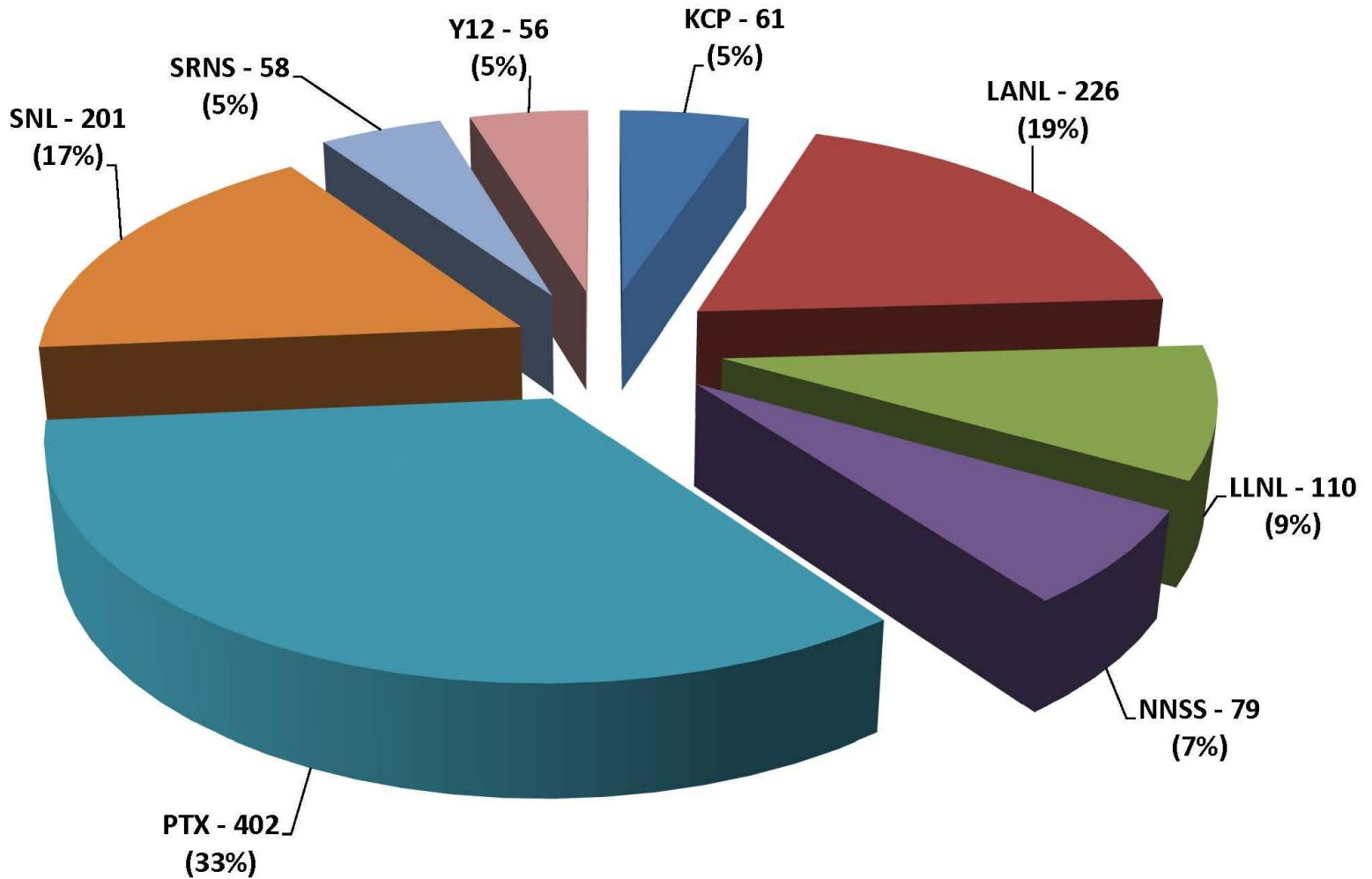
MASL Database (continued)



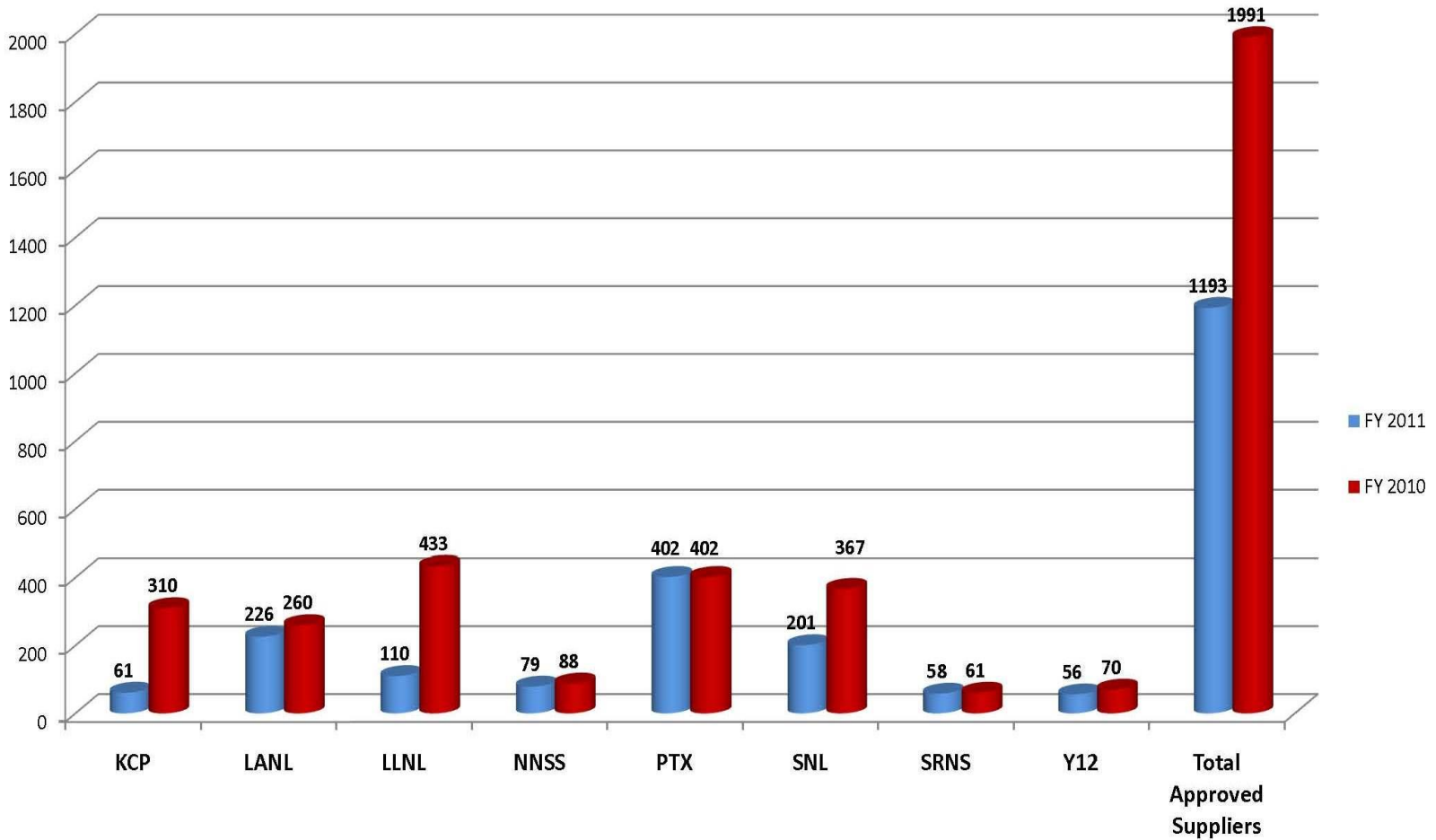
- **Current Metrics and Measurements:**
 - NSE Approved Supplier Distribution by Site – FY2010 - FY2011 (Slides 12 and 13)
 - Total number of Suppliers that are shared throughout the NSE (Slide 14)
 - Geographical location of NSE Suppliers (Slide 15)

- **Potential Future Measurements:**
 - Spend Analyses – Cost/savings
 - Supplier evaluation assessment cost data
 - On-site
 - 3rd Party
 - History review
 - Document review
 - Supplier performance data

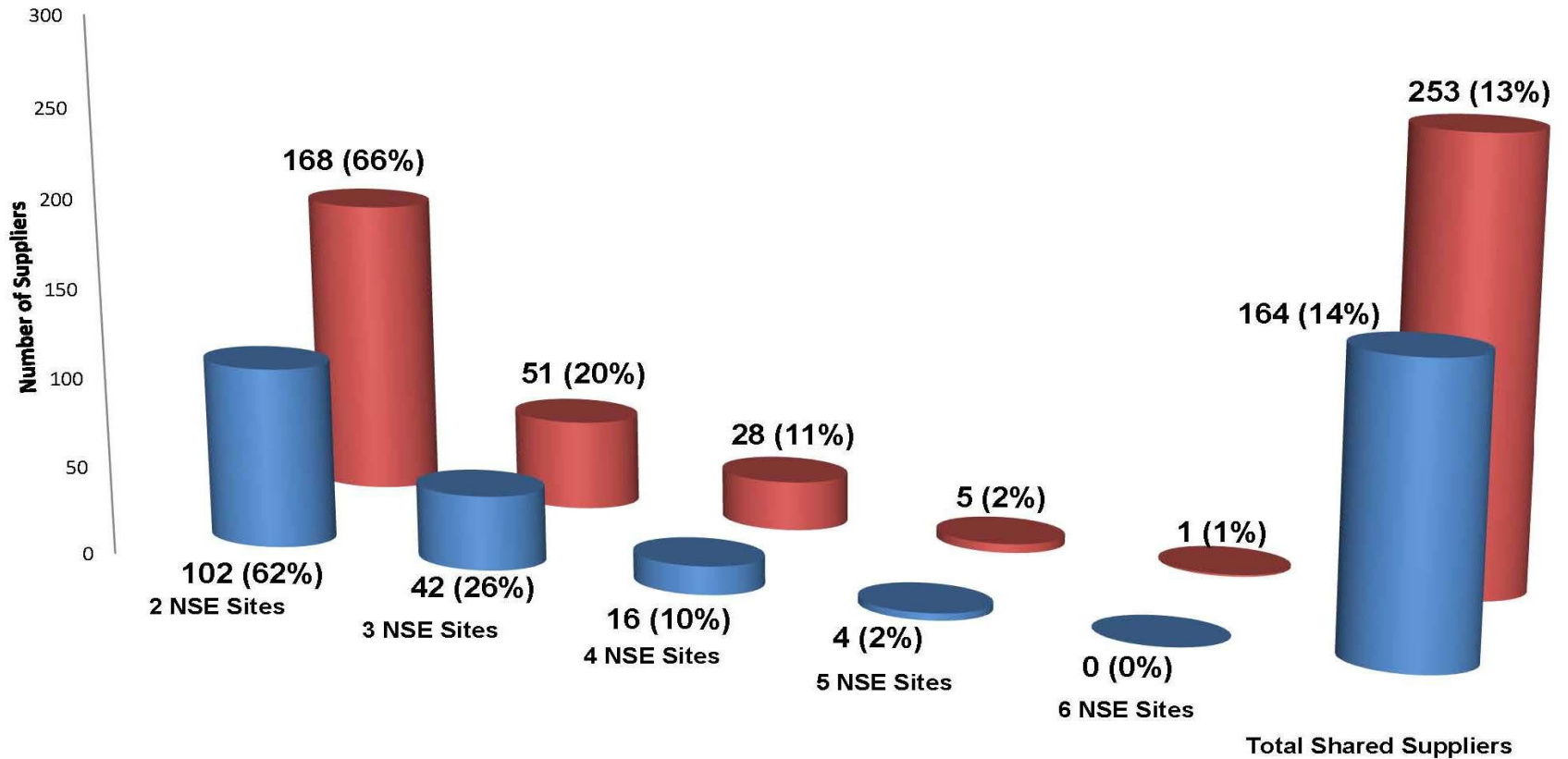
Metrics and Measures of Success



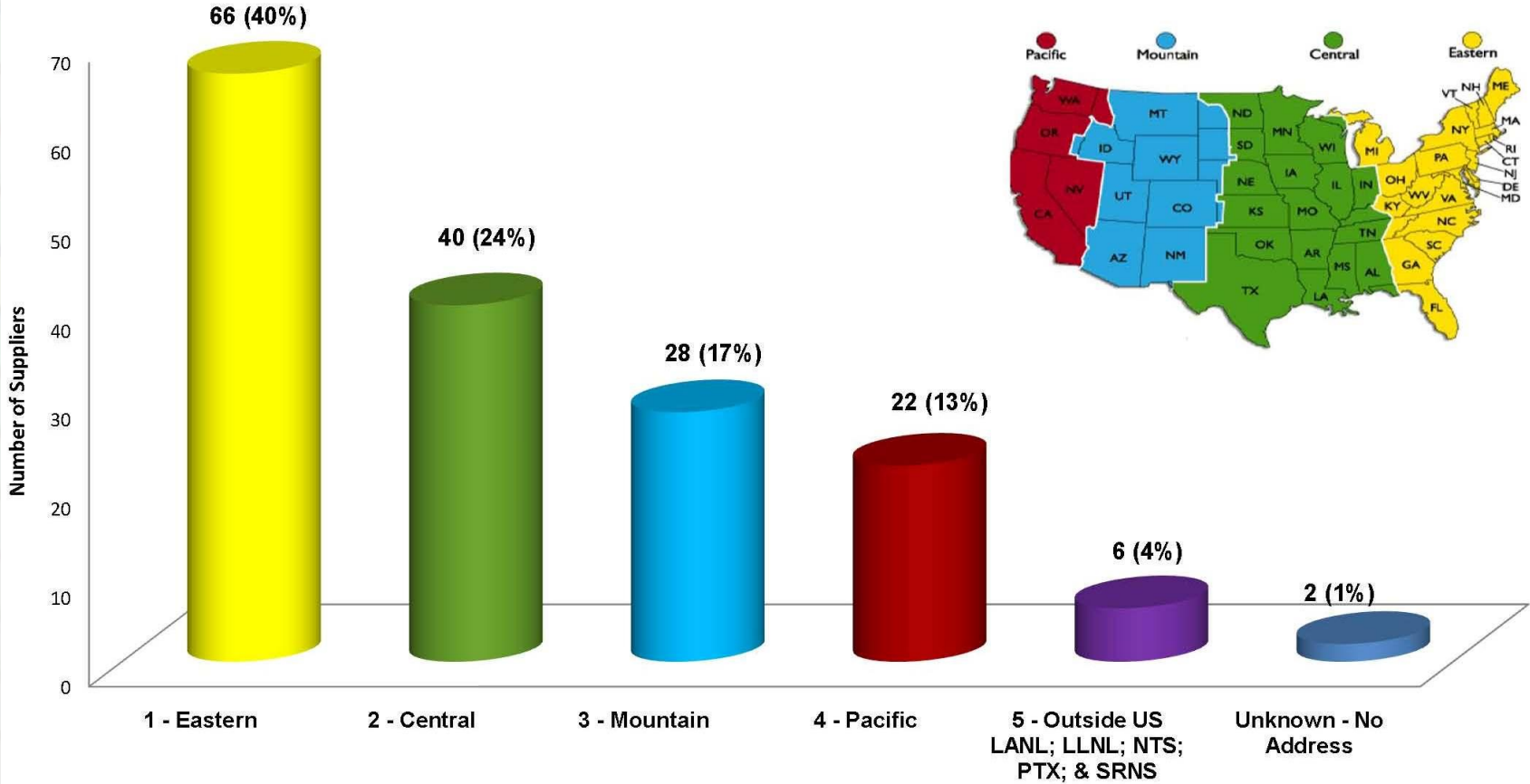
NSE Approved Suppliers (1193) - 1/4/2011



NSE Approved Supplier Distribution by Site – FY2010 - FY2011



**NSE Shared Suppliers (253 - 13%) - FY2010 1/26/2010 Red
(164 - 14%) - FY 2011 2/15/2010 Blue**



NSE Shared Suppliers by Time Zone - 1/4/2011

March 16, 2011



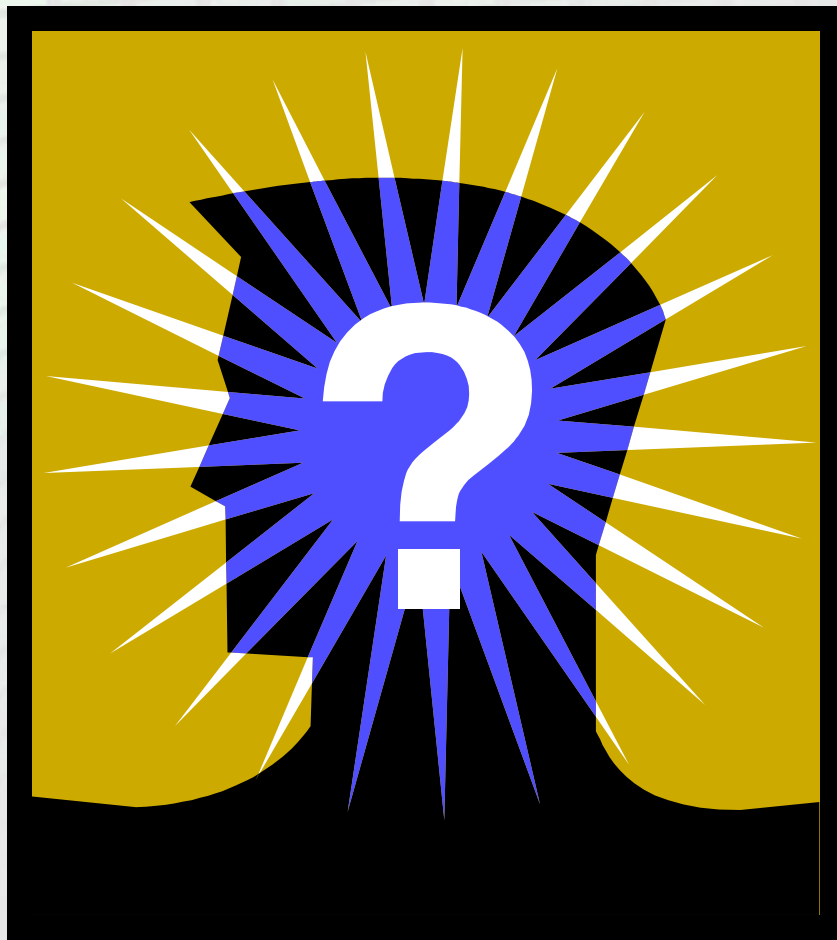
- **Continue working manual spreadsheets and processes to identify and perform assessments of shared suppliers.**
- **Complete development of the MASL database and Site Viewing Portal for data entry and viewing functions.**
- **Perform acceptance testing of the database structure and functionality.**
- **Populate the database with the existing Supplier data from the 8 NSE sites.**
- **Obtain BMAC final approval of the NSE Supplier Assessment Operations Procedure, QSWG-REF.001, Revision 0.**
- **Finalize standardized checklists for NQA-1:2000, QC-1, and NQA-1:2008 w/2009 addendum.**
- **Start planning for Phase 2 enhancements.**

QSWG Next Steps



- Develop and automate a standardized supplier assessment and approval process.
 - Standardized process for scheduling, planning, performing, and reporting supplier evaluation assessments.
- Develop a standardized qualification program for NSE assessment personnel.
 - Standardized process for qualification/certification of NSE Supplier Lead Assessors.
- Develop and automate the ability to capture and report actual and predicted cost savings through this effort.
- Develop and automate the ability to capture and report real-time Supplier performance data.
- Develop the ability to tie directly to the Supply Chain Management Committee database to share appropriate data.
- Other Opportunities for Improvement as identified.

QSWG/MASL Long Range Considerations - Phase 2



QUESTIONS

March 16, 2011