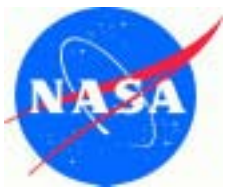# Integrated Asset Management (IAM) Potential HSE Impact

A Personal View

Michael Blotzer
John H. Glenn Research Center

Disclaimer: The views expressed are those of the presenter and do not necessarily represent the views of the Integrated Financial Management Program Integrated Asset Management Team
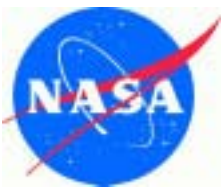
Purpose

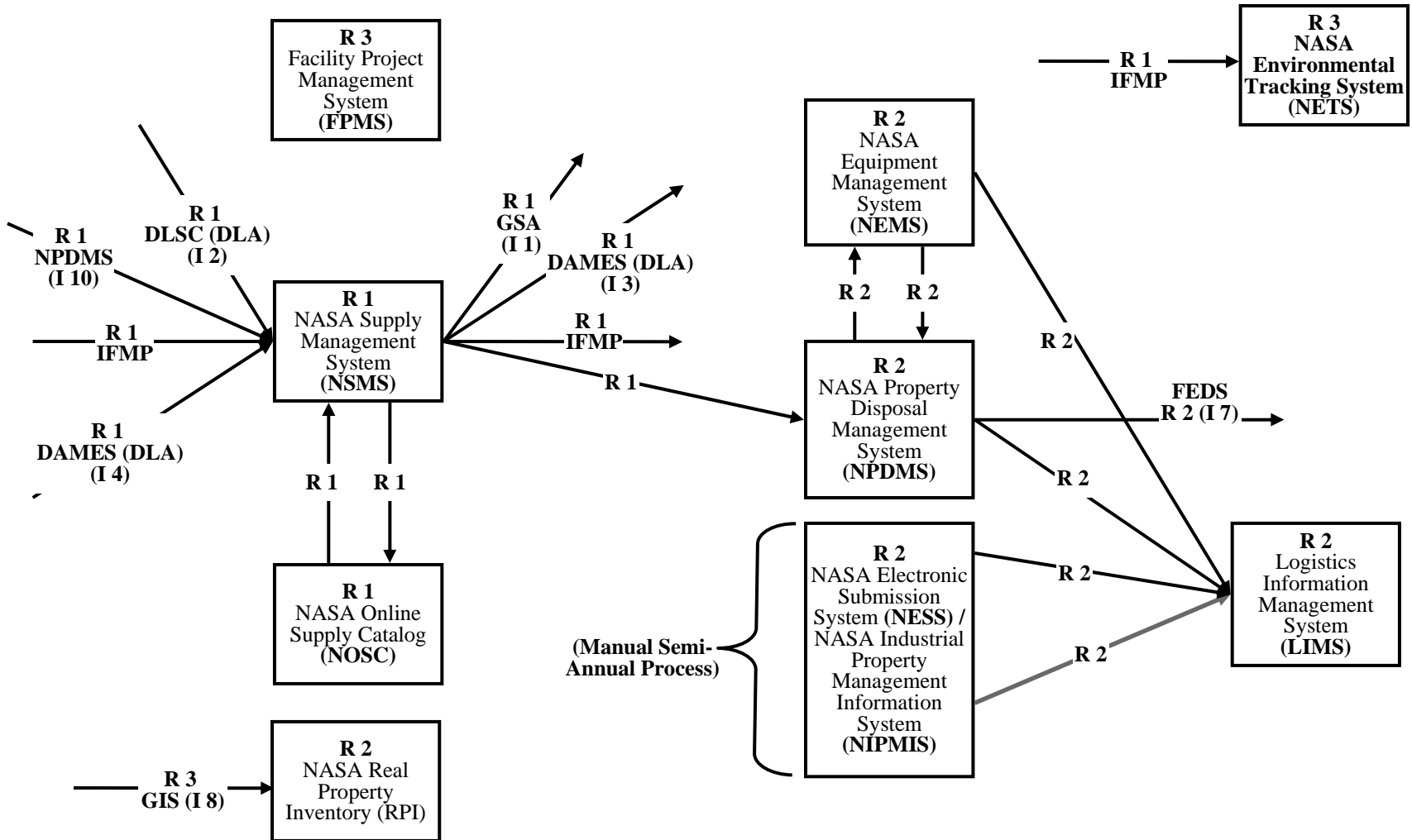- Improve agency asset management
- Pass annual financial audit

A Life Cycle Approach

- Plan

- Acquire

- Maintain

- Dispose

Three "Releases"

- Release 1: Materials Management, Store Stock, Stand-by Stock and Program Stock

- Release 2: Asset Accounting, Acquisition of Property and Equipment, Facilities, Property, Quality Management, Barcoding

- Release 3: Aircraft, Configuration Management, Radio Frequency Tags, Geospatial Information System, Document Management System, Environmental

It's all under review…

- ## Release 1 – Draft Functional Scope

  - ➤ Warehouse Management (Receiving & Inspection, Storage, Safety Levels) of Store Stock, Stand-by Stock and Program Stock

    - ✓ Line item receiving against a PO for Release 1 material types

    - ✓ Inspection - paperwork, count, part number and damage and the associated remediation of issues. (This is not true QA inspection)

    - ✓ Material put-away - bin assignment

    - ✓ Bin Management - what material is stored and in what areas

    - ✓ Issue – to individual/project material requests

- ## Release 1 – Draft Functional Scope
  - Inventory Management– (Bill of Material for stock items, Kitting, Shelf-life, WIP, Chemicals) of Store Stock, Stand-by Stock and Program Stock
    - ✓ Material Master – Set-up and maintenance
    - ✓ Substance Master – Further set up of the 'material master' to include information pertaining to chemicals
    - ✓ MSDS – set-up and management of MSDS and associated Dangerous Goods and Hazardous Materials identification requirements
    - ✓ Inventory – quantity on-hand (includes chemicals)
    - ✓ Inventory reorder points – minimum and maximum bin levels
    - ✓ Physical Inventory – in support of perpetual, cycle or annual counts
    - ✓ Material Resource Planning (MRP) – Automated PR generation for designated materials based on demands
    - ✓ Shelf- life monitoring
    - ✓ Kit identification and set-up

IAM Release 1 – Functional Scope

- Release 1 – Draft Functional Scope
  - Material Acquisition (includes requisitioning) of Store Stock, Stand-by Stock and Program Stock
    - ✓ Initiate Acquisition – identification of need
    - ✓ Approve Purchase Requisition – for those items requiring higher approval
    - ✓ Create/Approval and Issue of Purchase Orders
    - ✓ Track Purchase Order – validation of receipt and expected delivery status
    - ✓ Modify/Cancel Purchase Requisition & Purchase Order

Next steps?

- Strategic Planning Council to decide scope
  - ➢ Bare bones to middle ground to whole hog
  - ➢ Will Goldilocks be satisfied?
- Get to know your Center Implementation Team
- Engage as you see fit

Warehouse Management Team Roster/Skill Mix

Core Team Members	Expertise	Extended Team Members	Expertise
Chuck Smith, GRC	Logistics (Property & Equip.)	Vic Cordier, MSFC	Logistics (Supply)
Tony Mayor, GRC	Environmental	Domingo Dongon, JPL	Logistics (Disposal)
Mike Reynolds, MSFC	Environmental	Mike Blotzer, GRC	Environmental
Alan Miyamoto	Logistics (IT)	Debra Brooks, GRC (T)	Logistics (Property Disposal)
Kathy Schultz, GSFC	Logistics (Supply)	Jim Simek, GRC	Facilities (Property Mgt.)
Bill Wertman, DFRC	Logistics (Equipment)	Art Wade, GSFC	Logistics (Property Disposal)
Randall Rivers, UNITes	Development Team	Dana Dwyer, LaRC	Facilities (GIS)
Randy Felder, MSFC	Facilities	Richard Walker, LARC	Facilities
Walter Watson, GRC	Facilities	Suzanne Melson, LaRC	Logistics (Unknown)
Brian Briesemeister, ACN	Development Team		
Angela Bates, UNITes	Development Team		
John Emond, Accenture	Development Team		
Charles Shanks, Accenture	Development Team		
Teasha Smalling, DFRC	Logistics (Supply & Equip)		
Paul Pinaula, ARC	Logistics (All)		

Core Team Members	Expertise	Extended Team Members	Expertise
Evelyn Warren-ARC	Logistics-Industrial Property	Terrie Buchner-GRC	Logistics
Pat Hill-MSFC	Logistis-Equipmt. Mgmt.	Steve Craig-GRC	Logistics
Rod Brown-KSC	Environmental	Art Johnson-LaRC	Logistics
Donna Sutherland-GSFC	Environmental	Joyce Meier-MSFC	Logistics-Transportation Officer
Ed Holt-GSFC	Facilities	Shirman Thomas-MSFC	Logistics-Support Contractor
Steve Smith-HQ	Facilities	Lois Haymon-JSC	Logistics
Doreen Medzi-GRC	Procurement	Phillip Nessler-GSFC	Environmental
Jane Maples-MSFC	Procurement	Kelly Boos-GRC	Facilities
Karon Porche-JSC	Procurement	Debra MillardGRC	Facilities
Mark Carley-SSC	IT	Judy Ross-KSC	Purchasing
Denise Taylor	Development Team	Tom Perricone-GSFC	IT
Jim Walker	Development Team	Nancy Wilcox-DFRC	Aircraft
Kevin Baalman	Development Team		
Peter Kearns	Development Team		