Headquarters U.S. Air Force

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Enterprise, Environmental, Safety, Occupational Health-Management Information System

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- **Purpose of EESOH-MIS**

- **Why EESOH-MIS**

- **Where We Are**

- **Situation**

- **Lessons Learned**

- **Benefits**

Purpose

- **Supports the Air Force goal of reducing toxic and hazardous chemical reductions through risk management applied across the weapon system, facility and infrastructure life cycle**

- **The EESOH-MIS program is a comprehensive web based automated information system for the aggregation and collection of Environmental Data. Used to respond to specific environment, safety and occupational health (ESOH) impacts.**

- **Provides Hazardous Materials Tracking, Hazardous Waste and Cleanup functionality**

- **Allows roll up of data at the MAJCOM, Air Staff and OSD level**

- **Single application used throughout the Air Force**

Why EESOH-MIS?

- **Implements SAF/IEE policy letter supporting the ESOH information integration vision**

- **Optimize base efficiencies**
  - **Eliminates multiple data entry in multiple environmental systems**
  - **Provides operational mission risk mitigation versus reactive actions**

EESOH-MIS is a comprehensive web-based automated information system for the aggregation and collection of Environmental, Safety & Occupational Health data

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EMIS

Shop

HazMat Authorizations

    Use Information

    Equipment

    Controls

MSDS Data

Organization Data

Personnel Data

Location Data

HMMS

Zones

HazMat Authorizations

    Use Information

    Equipment

    Controls

MSDS Data

Organization Data

Personnel Data

Location Data

CCS

Shop

Exposure Groups

Processes

Hazmat Consumption for Air Emission (APIMS)

    Use Information

    Equipment

    Controls

MSDS Data

Organization Data

Personnel Data

Location Data

BEE
Env
SE
LG

BEE
Env
SE
LG

BEE
Env

SAF/IEE ?

Wing ?

Shop Floor ?

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STEWARDED DATA

MSDS Data

Organization Data

Personnel Data

Location Data

SAF/IEE

BEE

Env

SE

LG

Wing

SHARED DATA

Shop

Process

Materials

Equipment

Controls

Shop Floor

EESOH Program Drivers

Hazardous Waste

Hazardous Materials

AIR Quality

Cleanup

Document Training Manifests/Data Storage

Usage Exemptions Track Commodities

Air Emission Inventory Regulatory Compliance

Environmental Liabilities
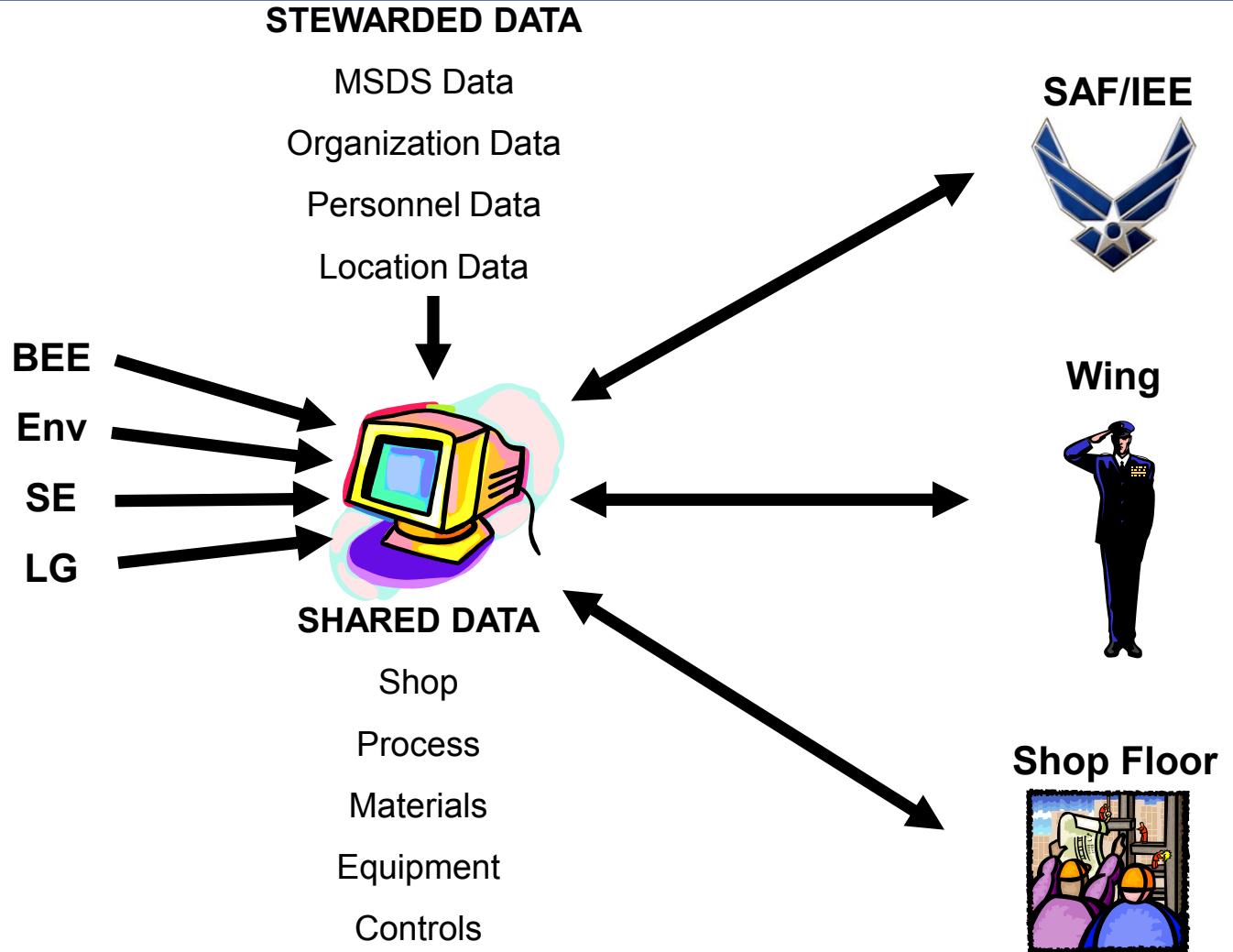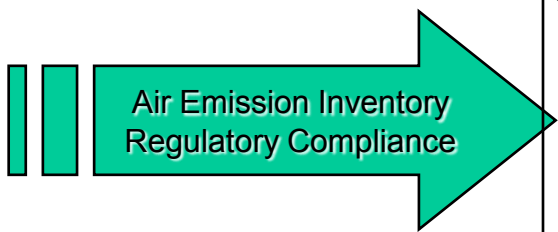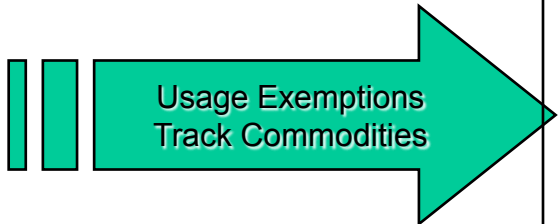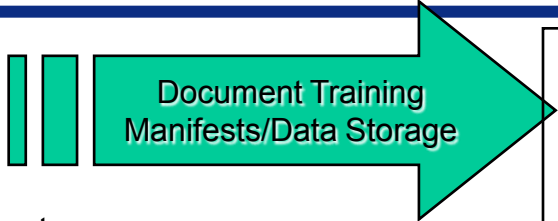
EXECUTIVE ORDER 13423 Strengthening Federal Environmental, Energy, and Transportation Management

AFI 32-7042
40 CFR parts 260-272

AFI 32-7086, 32-7080
EPCRA—Emergency Planning and Community Right-to-Know Act
(42 U.S.C. 11001-11050)

AFI 32-7040
Required tracking of HAPS/NESHAPS usage
(42 U.S.C. 7412)

Required Air Emission Inventories: comply with Clean Air Act
(42 U.S.C. 7401-7671q)

AFI 32-7020
Restoration Transformation - SAF/IEE & AF/A7C pushing for change (OSD has criticized the Air Force's restoration data collection)

EESOH-MIS
"Single Face to the Shop Floor"

One Stop Shopping for all E, S, OH constraints and requirements on the defined "Work Unit"

Work defined once and used for all ESOH media and functions

Where We Are

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Toledo Express AP

Mansfield Lahm RAP

Elmendorf AFB

Travis AFB

Langley AFB

Seymour Johnson AFB

Charleston AFB

McIntire JNGB

Cape Canaveral AFS

Patrick AFB

Spangdahlem AB

Davis Monthan AMARG Tucson IAP

Lackland AFB
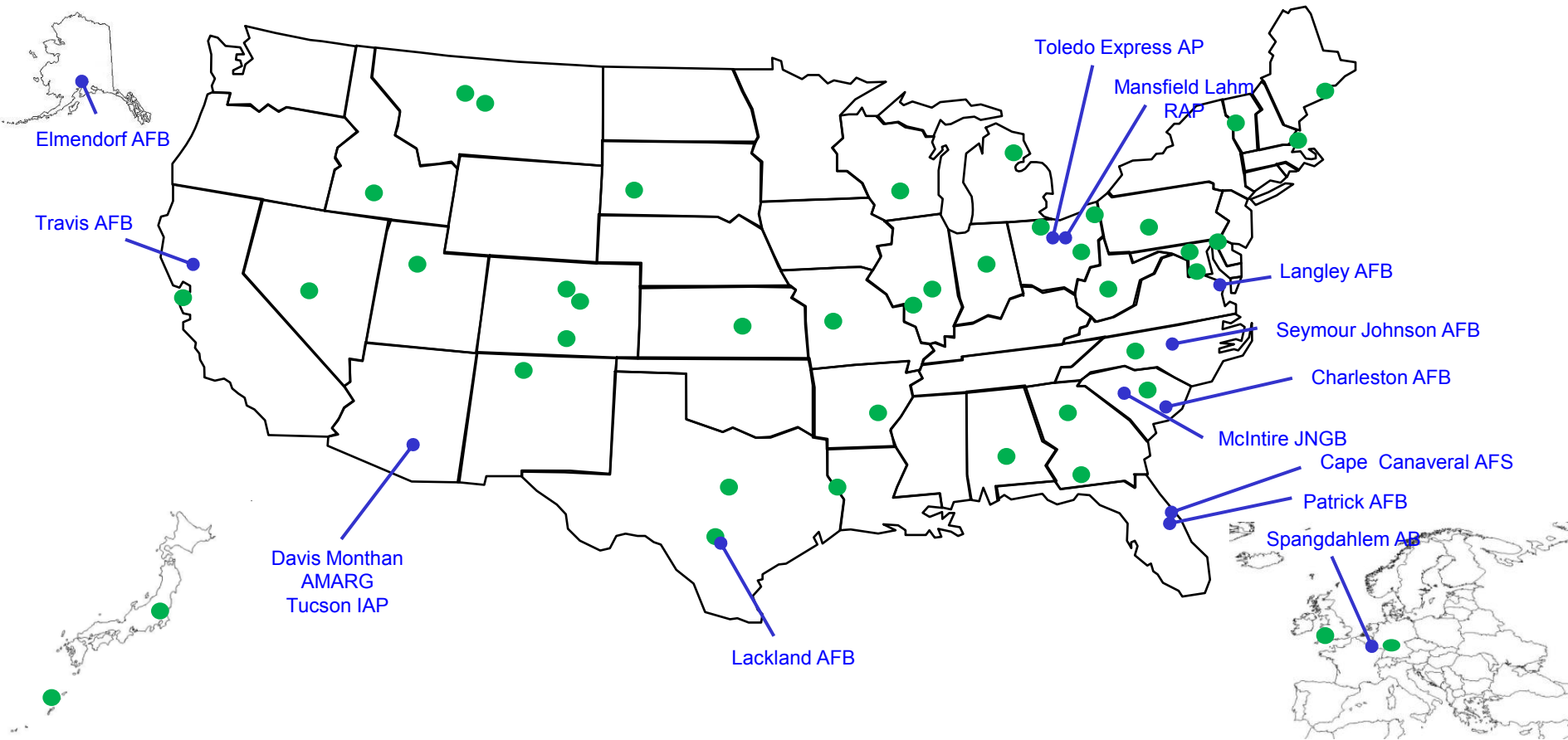
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- **Challenges**
  - **Air Force Portal**
  - **Continually updated multiple databases (EMIS, CCS, EESOH Migration Tool) until LIVE with EESOH-MIS**
  - **Operation/navigation of new database (EESOH-MIS)**
  - **Development of new management and work practices**
  - **Development of Standardized Processes**

- **Benefits**
  - **More accurate the data, less duplication in EESOH-MIS**
  - **EESOH-MIS offers flexibility and will adapt to Air Force operations**

- **Change Is Difficult**
  - **"Change is the law of life. And those who look only to the past or present are certain to miss the future." John F. Kennedy**

- **Data Quality Vital**
  - **Migrating legacy data**
  - **Ensuring Enterprise Data is Accurate**

- **Transformation Across the Air Force**
  - **Standardizing Business Processes**

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- **Reducing Toxic and Hazardous Chemicals under Executive Order (EO) 13423, *Strengthening Federal Environmental, Energy, and Transportation Management***

- **Supports ESOH MS**

- **EESOH-MIS allows total visibility across weapon systems and processes for reduction efforts**
  - **Reduction effort reporting visible at all levels**
    - **Installation, Major Command, Headquarters, OSD**
  - **Transparency**
  - **Efficiency**

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Questions