



Environmental and Safety Management Information System

Organization, Personnel and Technology Committee

Item 7-3

October 10, 2011

Current Action

- Appropriate \$949,000 for an Environmental and Safety Management Information System (EMIS)
- Authorize professional services agreement with Trinity Consultants for implementation
- Authorize purchase of three-year software license with Enviance

WSO – Safety & Environmental Services (SES) Section Responsibilities

- Manage complex and difficult issues in a challenging and constantly changing regulatory environment
- Track and respond to deadlines, schedules, and actions for compliance

Permits

Fees

Regulations

Plans

Reports

Inspections

Injuries

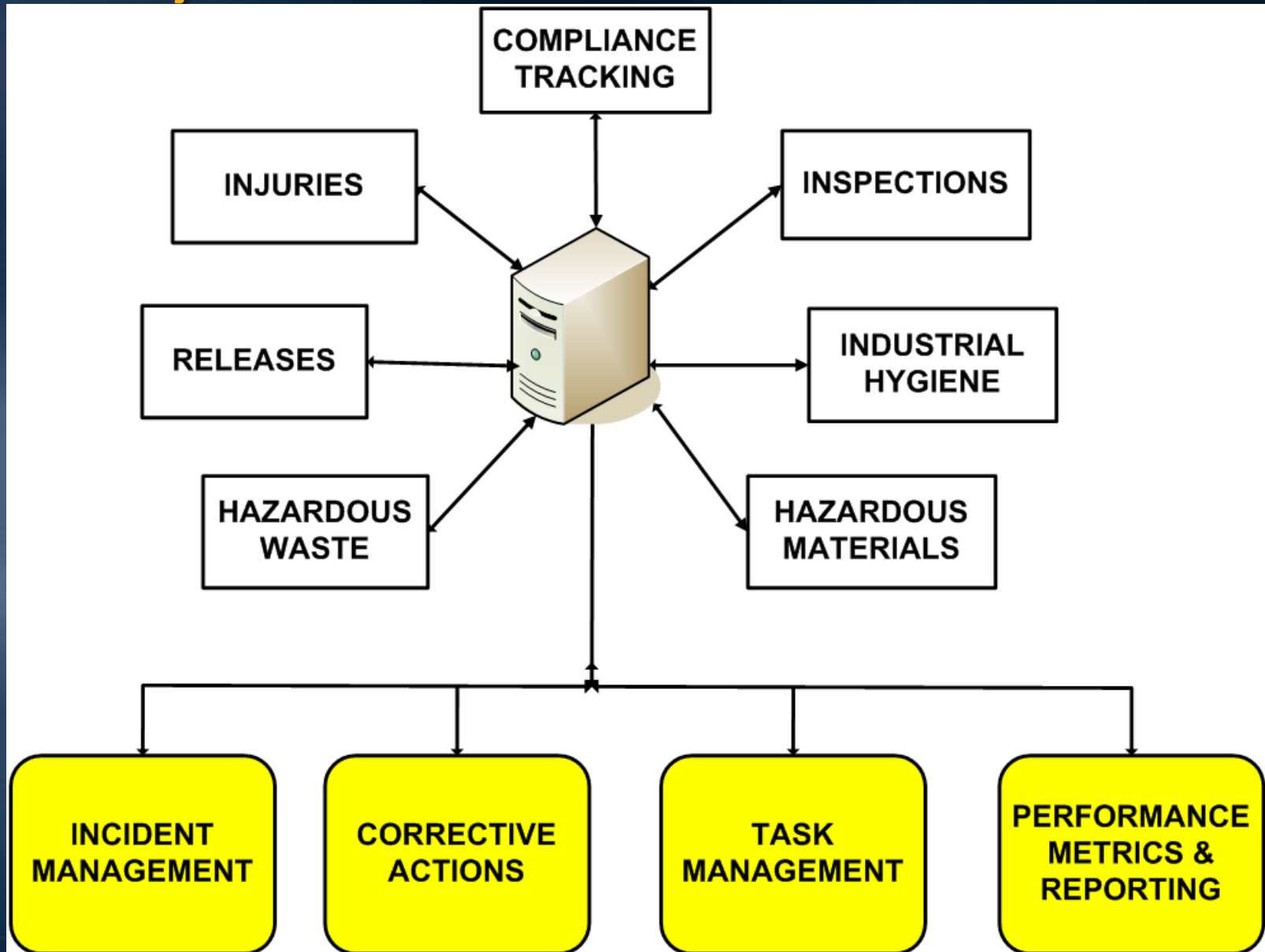
Spills

Investigations

What is an Environmental & Safety Management Information System (EMIS)?

- Enterprise software system
- Safety and environmental compliance
 - Measures
 - Manages
 - Reports
- Includes tools to
 - Track regulatory requirements
 - Permit conditions
 - Document and address inspections
 - Manage incidents

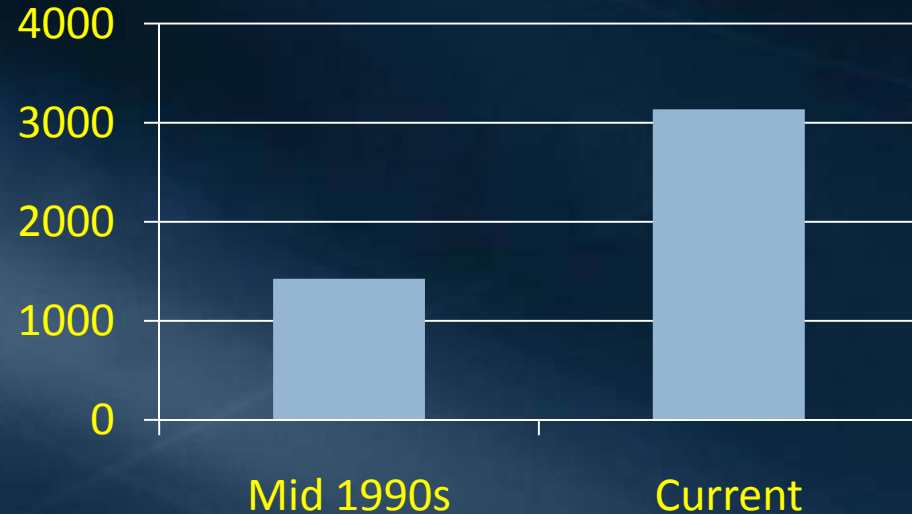
EMIS System



Why the Need for EMIS?

- Conditions

- Increased regulations
- Aggressive enforcement
- More frequent reporting



- Consistent with Audit & IT Strategic Plan Recommendations

- Benefits

- Reduce risk by managing compliance obligations
- Satisfy need for internal performance metrics

Existing Stand-Alone Systems

Permits

Asbestos
& Lead
Database

Hazardous
Waste

Incident
Reporting

Events
Database

Process Safety
Management
Plans

Audits

Exposure
Assessments

MSDS

Confined
Space/
tunnels

Haz Mat
Business
Emergency
Plans

What will EMIS Provide?

	EMIS	Current
Incident management	✓	✓
Incident & compliance task management and calendar (centralized)	✓	
Centralized notifications (emails, tasks)	✓	
Accessible to field managers	✓	
Reporting – (flexible and automated)	✓	
Customized dashboards with metrics	✓	

EMIS RFP Selection Process

- Seven bidders
- Four semifinalists
 - Demonstration of software
 - Reference checks with users
- Two finalists
 - Additional interviews
 - IT Security – visit to Enviance site
 - Best & Final/Negotiations
- Selection
 - Implementation consultant – Trinity
 - Software - Enviance

Proven Solution

- Trinity

- Certified Enviance Implementation consultant
- Environmental consultant/diverse clients

- Enviance

- Environmental & safety enterprise software developer
- Successfully implemented as cloud solution
 - 17,000 users – network and leverage application
 - Fortune 1,000 companies and government entities
 - Utilized by PG&E, Sempra, SCE, LA World Airports

Requested Funds

Labor	\$152,000
Professional/technical services	475,000
Materials & supplies	236,000
Remaining budget	86,000
Total	\$949,000

Overall Schedule



Board Options

- Option #1

- Adopt the CEQA determination
- Appropriate \$949,000 in budgeted funds
- Authorize entering into agreement with Trinity Consultants for \$475,000
- Authorize purchase of three-year software licenses for \$236,000

- Option #2

- Do not implement the EMIS project

Staff Recommendation

- Option #1

