



Idaho National Laboratory

Integrating EMS into ISMS at the Idaho National Laboratory

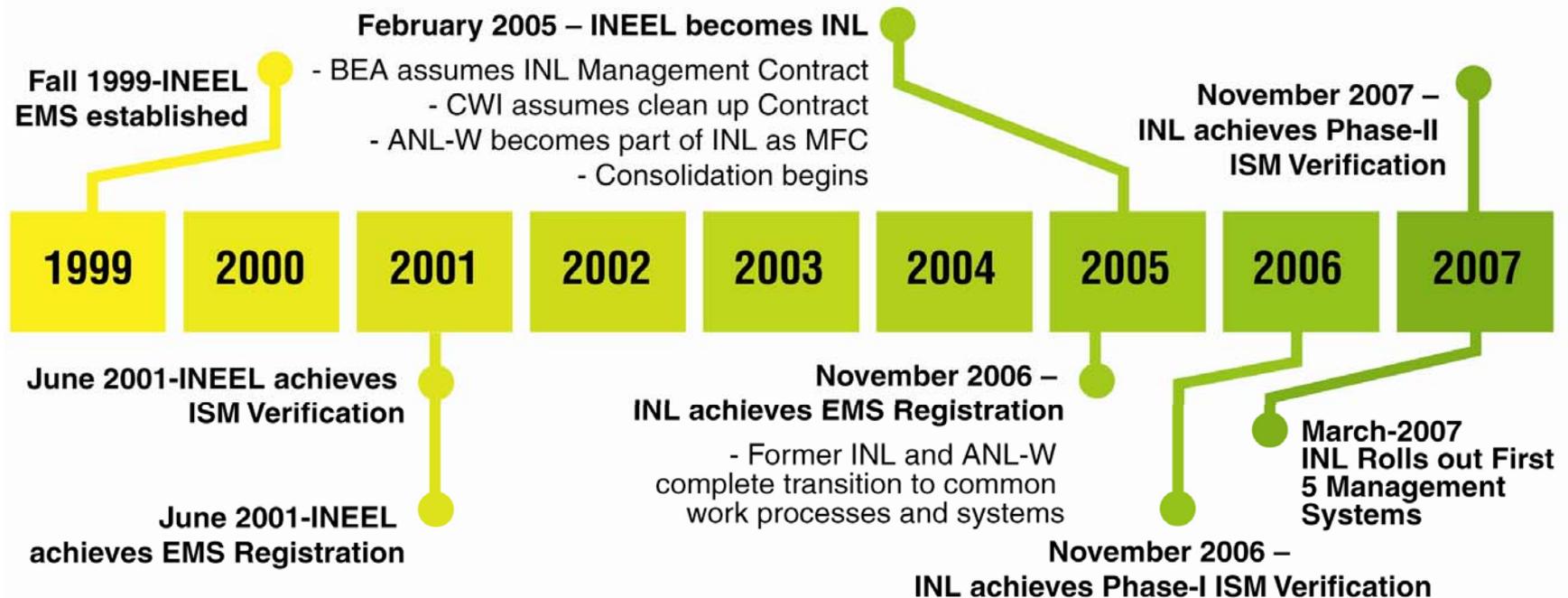


**Bruce Angle,
EMS Management
Representative**

Integrating EMS into ISMS at INL

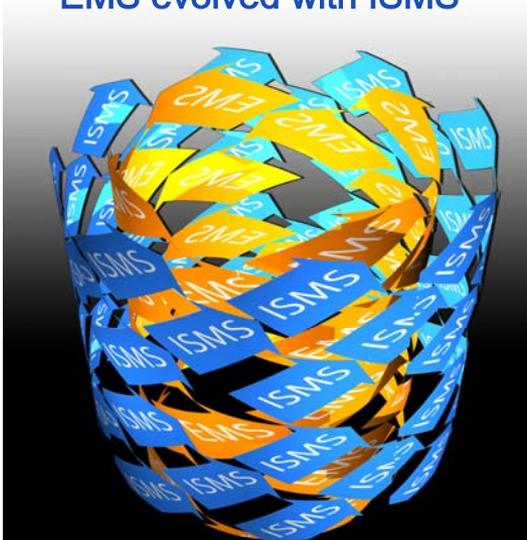
- Today I'm going to talk about
 - a little history
 - what we did
 - how it works
 - what makes this so great
 - how we know, and
 - where we're going
 - who to contact

A Little History



What We Did

EMS evolved with ISMS



- **ISMS brought together the framework – creating a common infrastructure without duplicating functions**
- **Each organization developed its services to meet its customer's requirements**
 - **Examples:**
 - **One Training organization**
 - **One Document Control Organization**
 - **One Records Management organization**
 - **Each organization requests the services it needs from the responsible organization**
- **The EMS evolved in concert with the common ISMS infrastructure**

How It Works



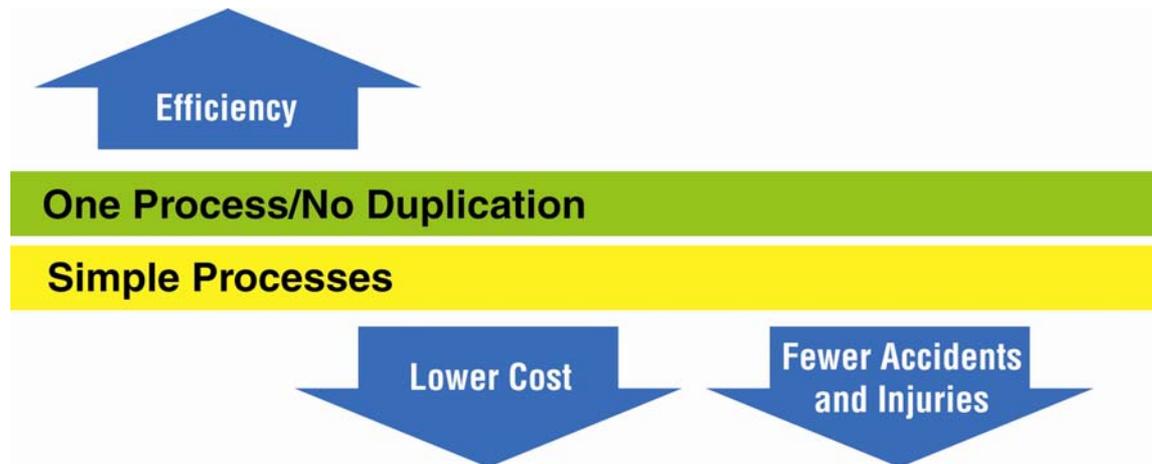
EMS Communicates
requirements to the workforce

The EMS ...

1. Identifies and manages environmental requirements
2. Translates them into instructions, and
3. Communicates instructions to the work force using laboratory-wide work control processes
 - Instructions are activity-based and delivered integrally with health & safety instructions
 - Workers do not need to know the regulations - only follow the instructions

What Makes This So Great

- **Workers do not need to be regulatory experts**
- **There is only one process**
- **No duplicating functions**
- **Simple processes that make it less likely to do things wrong**
- **Greater efficiency, lower cost, fewer accidents and injuries**



How We Know



EMS/ISMS = \$ Savings

- Improved continuity of operations
- Reduced environmental fines and penalties
- Reduced injuries and safety issues
- Resulted in fewer environmental releases
- Integrated work planning process works faster, with fewer errors
- Reduced environmental and safety support costs

Where We're Going

- **Integrated Management Systems**
 - **INL's 19 management systems will be fully integrated so that changes in one system automatically flow to all impacted systems**
 - **Requirements and instructions will always be up-to-date, with no lag time, reducing the risk of performing work incorrectly**

Who to Contact

- **Karen Downer, Director, Environment, Safety & Health**
- **Jo Anna Stenzel, Director, Environmental Support and Services**
- **Carol Mascareñas, Director, Occupational Safety & Health**
- **John Irving, EMS Technical Lead**
- **Theron McGriff, ISMS Project Manager**
- **Bruce Angle, EMS Management Representative**