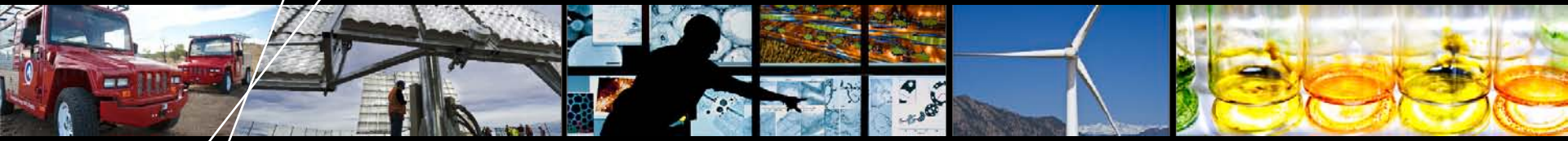
NREL
NATIONAL RENEWABLE ENERGY LABORATORY

Overview of DOE LSSG EFCOG

An Easy to Digest – Post Lunch Discussion on a Tough to Remember Acronym



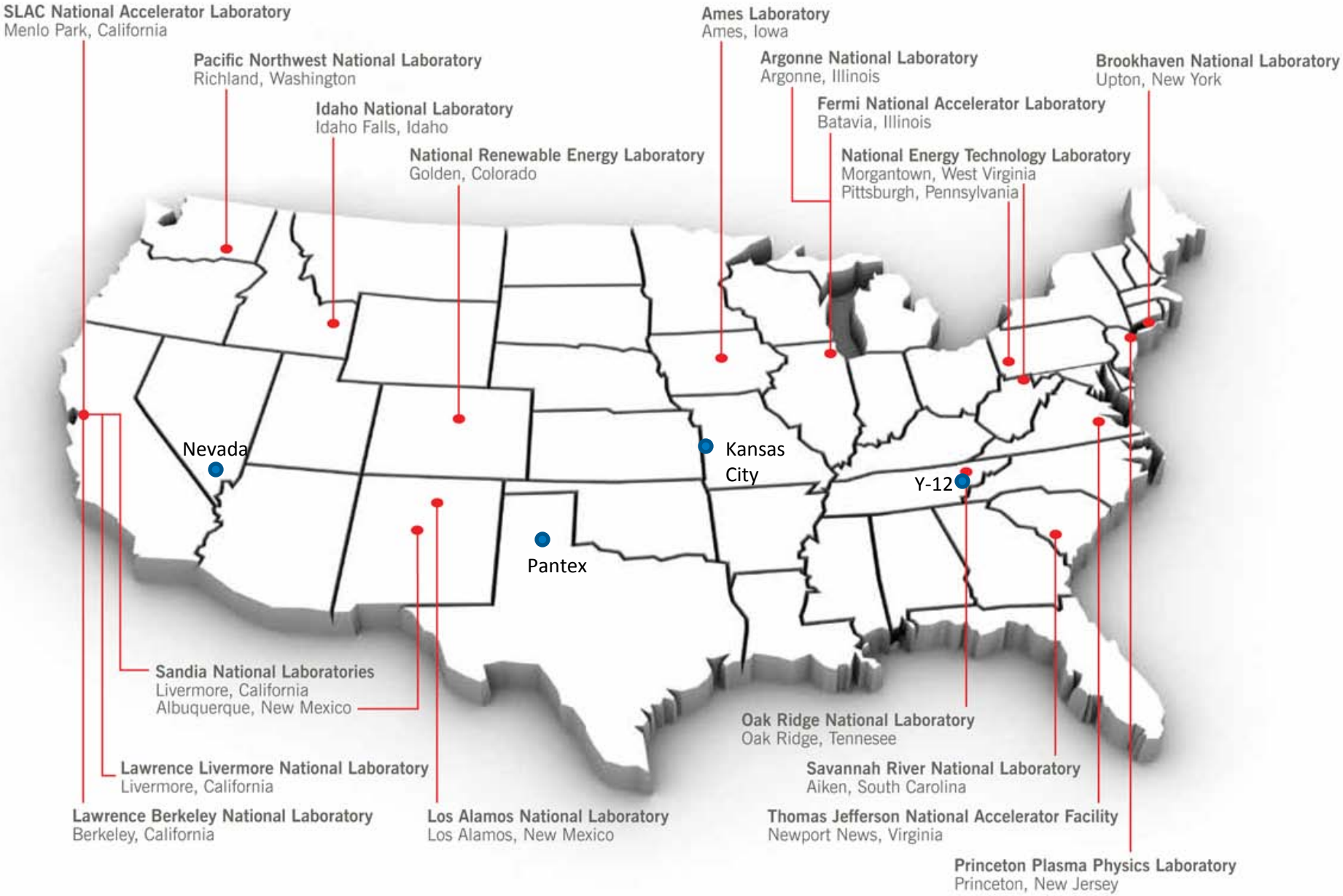
2012 Laser Safety Workshop

Barb O'Kane

September 11, 2012

NREL is a national laboratory of the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, operated by the Alliance for Sustainable Energy, LLC.

National DOE Laboratories and NNSA Sites



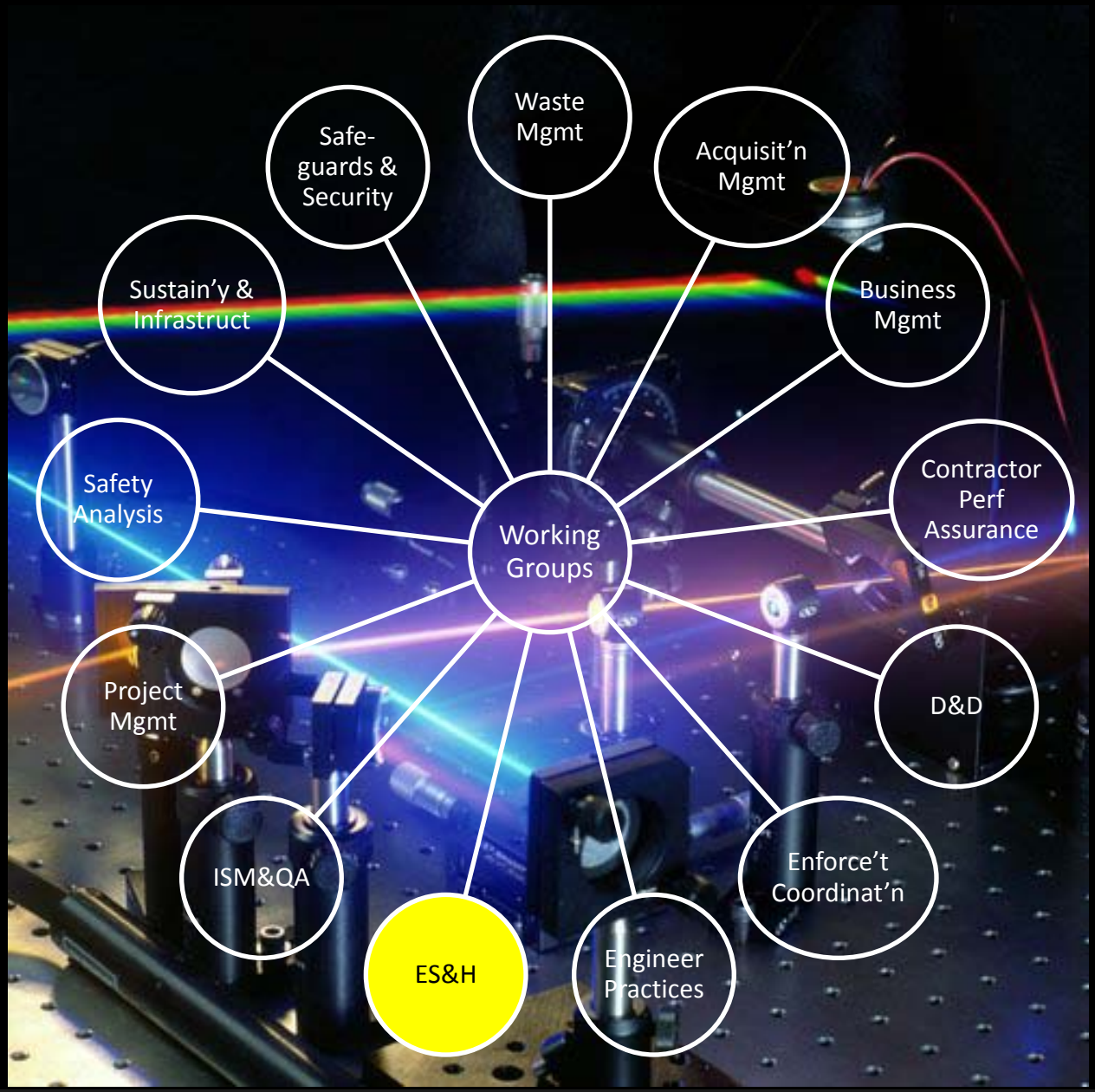
DOE-Contractor Relationship

Relies Upon

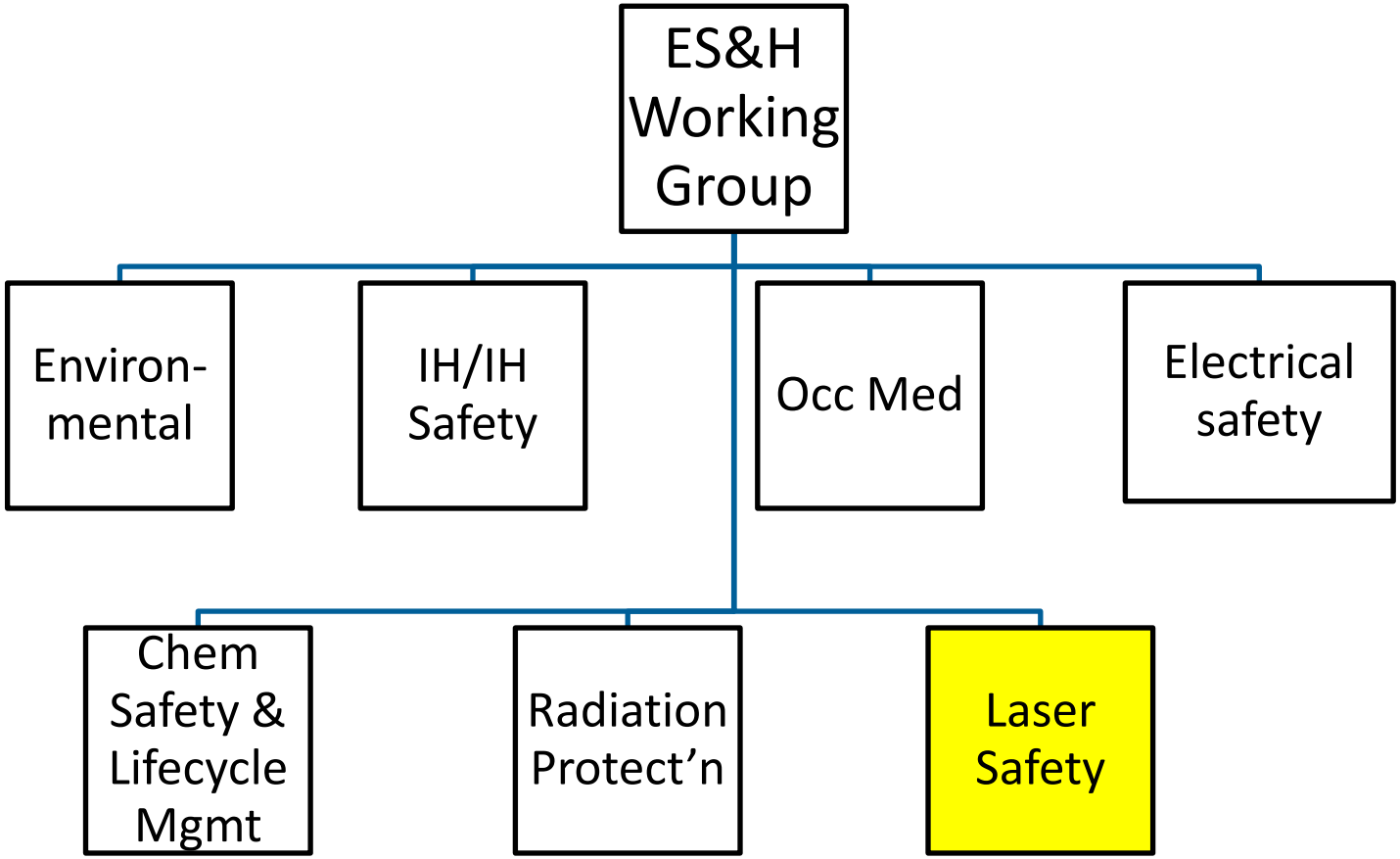
- **Trust**
- **Ability to Demonstrate Superior Performance**
- **Pursuit of Continuous Improvement**
- **Providing Sustained value – contributions to the nation**

Energy
Facility
Contractors
Group

EFCOG's Working Groups



Subgroups of the ES&H Working Group

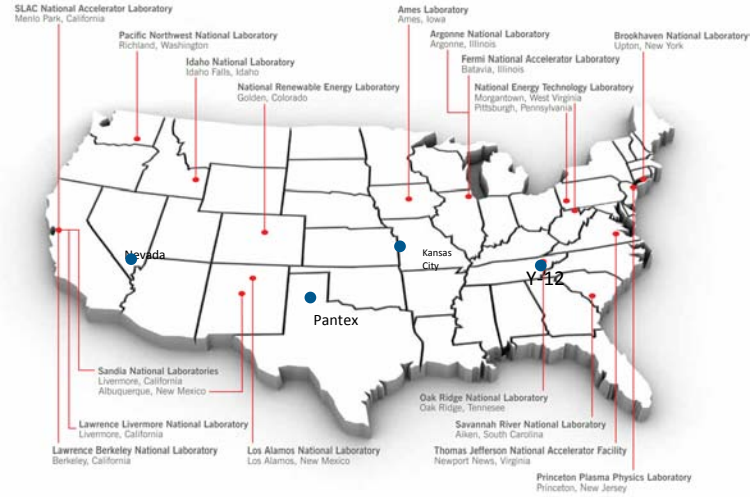


Laser Safety Subgroup (LSSG)

- **Formed in 2009, past chairs:**
  - Joanna Casson 2010-2011
  - Ken Barat 2009-2010
- **Mission**
  - Promote excellence
  - Sharing - best practices, procedures, tools, and technology
- **Website**

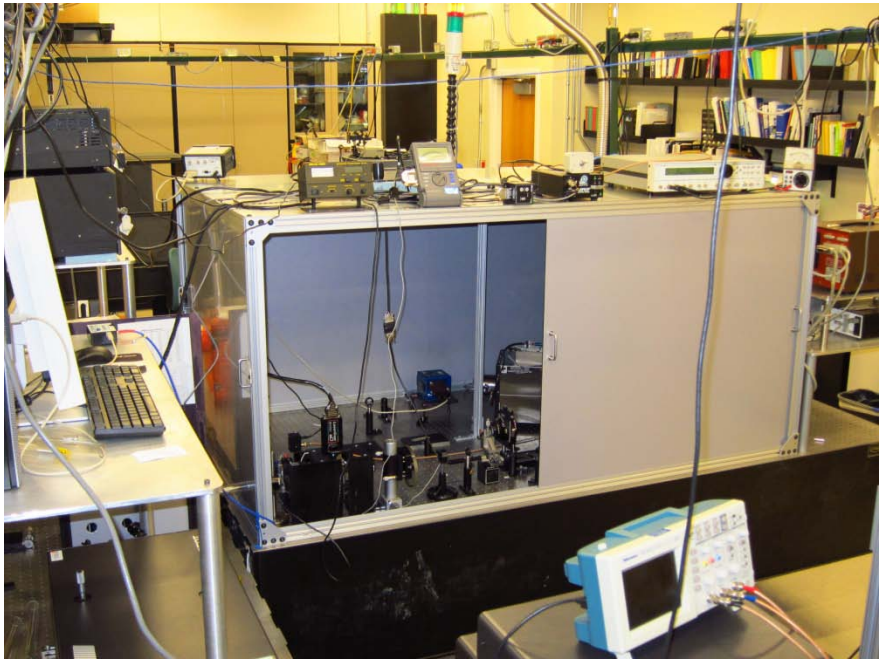
Stats on the LSSG

- 28 members – DOE and Nat'l Lab Contractors
- More than 5500 laser operators
- 33% Certified Laser Safety Officers
- 24% active on ANSI Committees
- Meet quarterly via phone
- Annual LSO Workshop



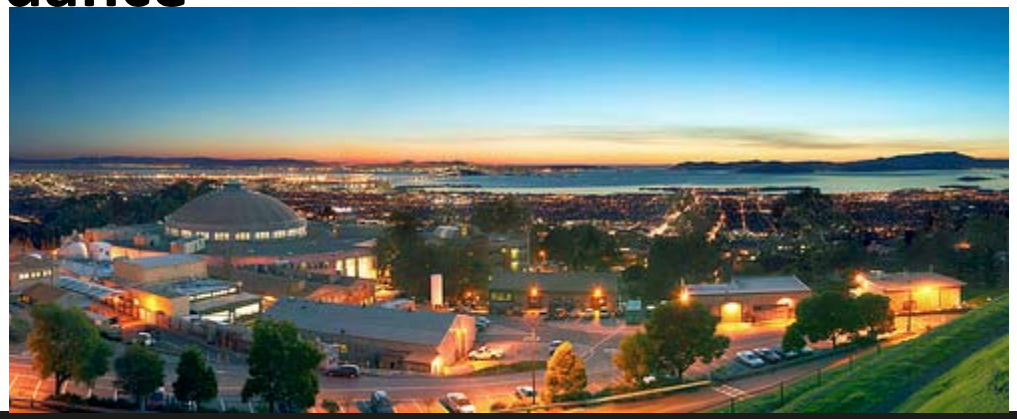
What we've worked on

- CBT - Laser Safety Training, developed by LLNL, available for use complex wide
- Discussed and shared lessons learned on recent laser related occurrences
- Distributed NIST Technical Note 1668: A Green Laser Pointer Hazard



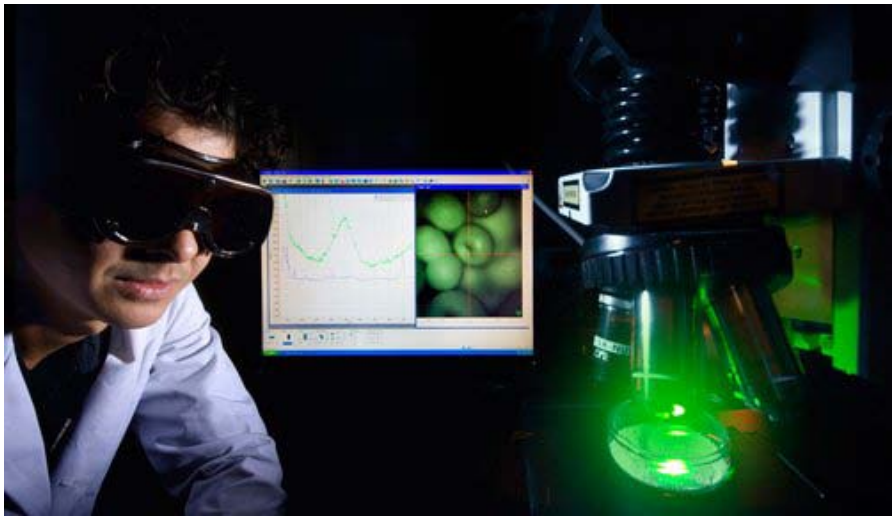
And more stuff

- **Questionnaires (most posted on website)**
  - Alignment Eyewear
  - Service Subcontractors
  - Training and Supervision
  - Laser Use in Construction Work
  - Standard Operating Procedures
  - Laser Pointers
  - Safety of using reflective eyewear
- **Held Annual LSO Workshops since 2005 with steadily increasing attendance**



Upcoming Efforts

- **Continue to collect questionnaire feedback**
- **Develop Best Practices from past questionnaires**
- **Resolve request from FDA regarding reporting requirements**
- **2014 – 10th anniversary of LSO Workshops**



Yeah, I Know, Right, but really, so what?

- I'm not with DOE, so why should I know what EFCOG means?
- How can I make the most of this talk?
- Visit our website