



AIHA PtD-related Activities

ANSI Z-10

American National Standard for Occupational Health and Safety Management Systems

Presented at:

Prevention through Design – Report on the National Initiative

August 22-24, 2011 Washington, DC

Presented by:

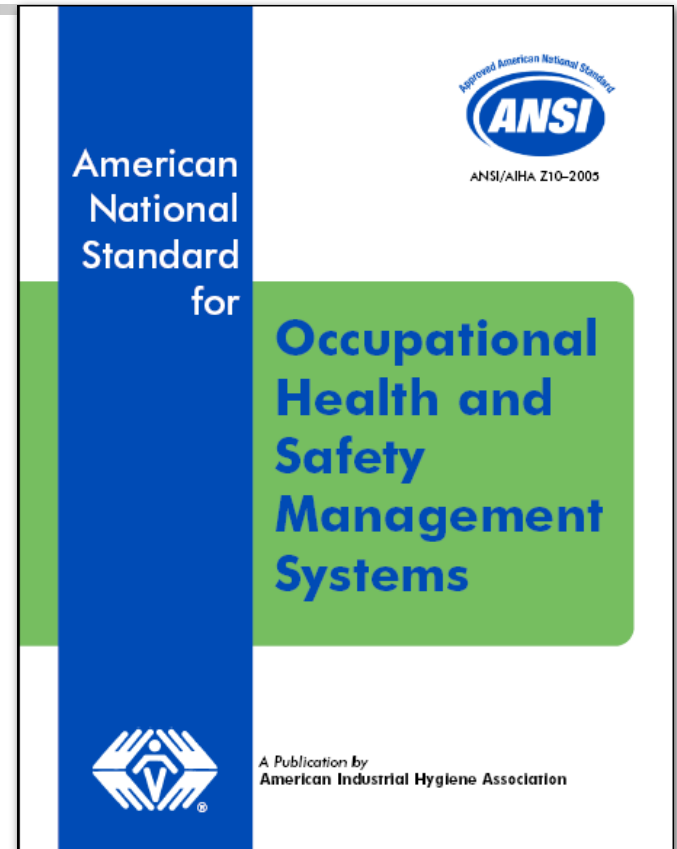
Kyle B. Dotson, CIH, CSP, BCEE

Technical Resource Member, ANSI Z-10 OH&SMS Accredited Standards Committee



ANSI/AIHA Z-10 2005

- AIHA is **Secretariat** for **ANSI/AIHA Z-10** Accredited Standards Committee.
- 1996 Rosemont, IL: “The time is not yet ripe” for global ISO standard.
1997: AIHA Management Committee.
2001: Alan Leibowitz, CIH, CSP w/Co-Chair Jim Howe, CSP, and Accredited Committee began work. **2005: Z-10 Published.**



- **AIHA related roles** include: ILO; OHSAS 18001 Working Group; US TAG to ISO 14001; ISO 31000 (Risk Mgmt); ISO 26000 (Social Responsibility).



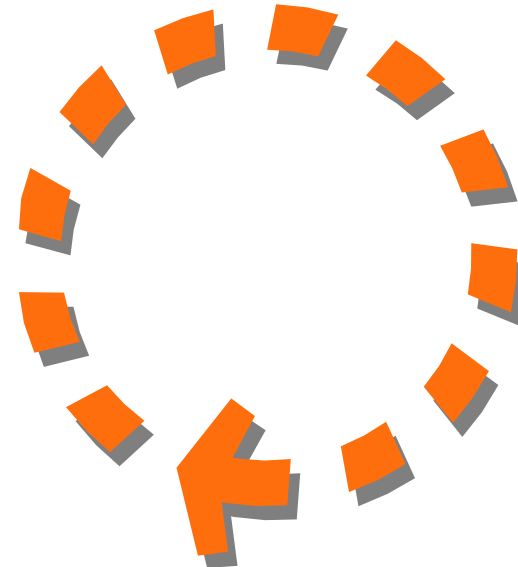
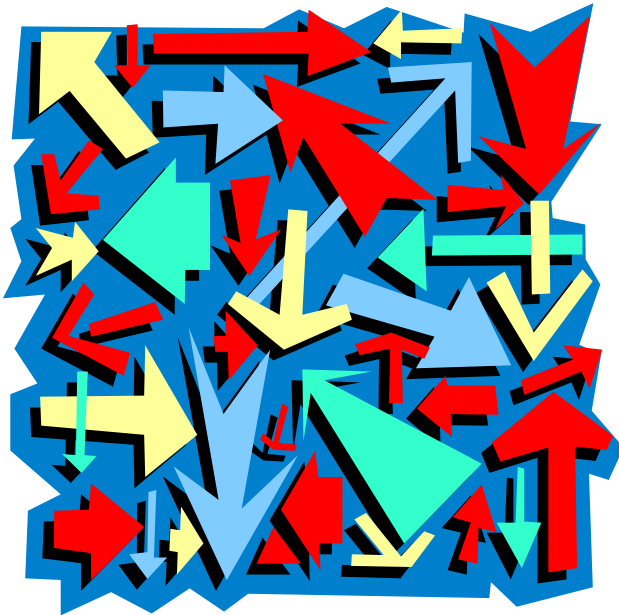
ANSI Z-10: Revision 2012

- ANSI Z-10 Accredited Committee; 2 years to-date to Revise Z-10. Vic Toy, CIH, CSP, Chair, and Jim Howe, CSP, Co-Chair.
- Expect revision to be continual improvement, and *NOT* fundamental change.
- Most edits focused on clarification, ease of implementation.
- 100's of comments addressed through multiple sub-committees, edit committee.
- Nearly complete. **Anticipated publish date: Early 2012.**



H&S Mgmt Systems vs Programs

PROGRAMS (reactive, lacks integrated process, may not get fixed or improved until its broken)



SYSTEMS (proactive, standard process for continuously assuring and improving Element effectiveness) i.e., ***PLAN-DO-CHECK-ACT***



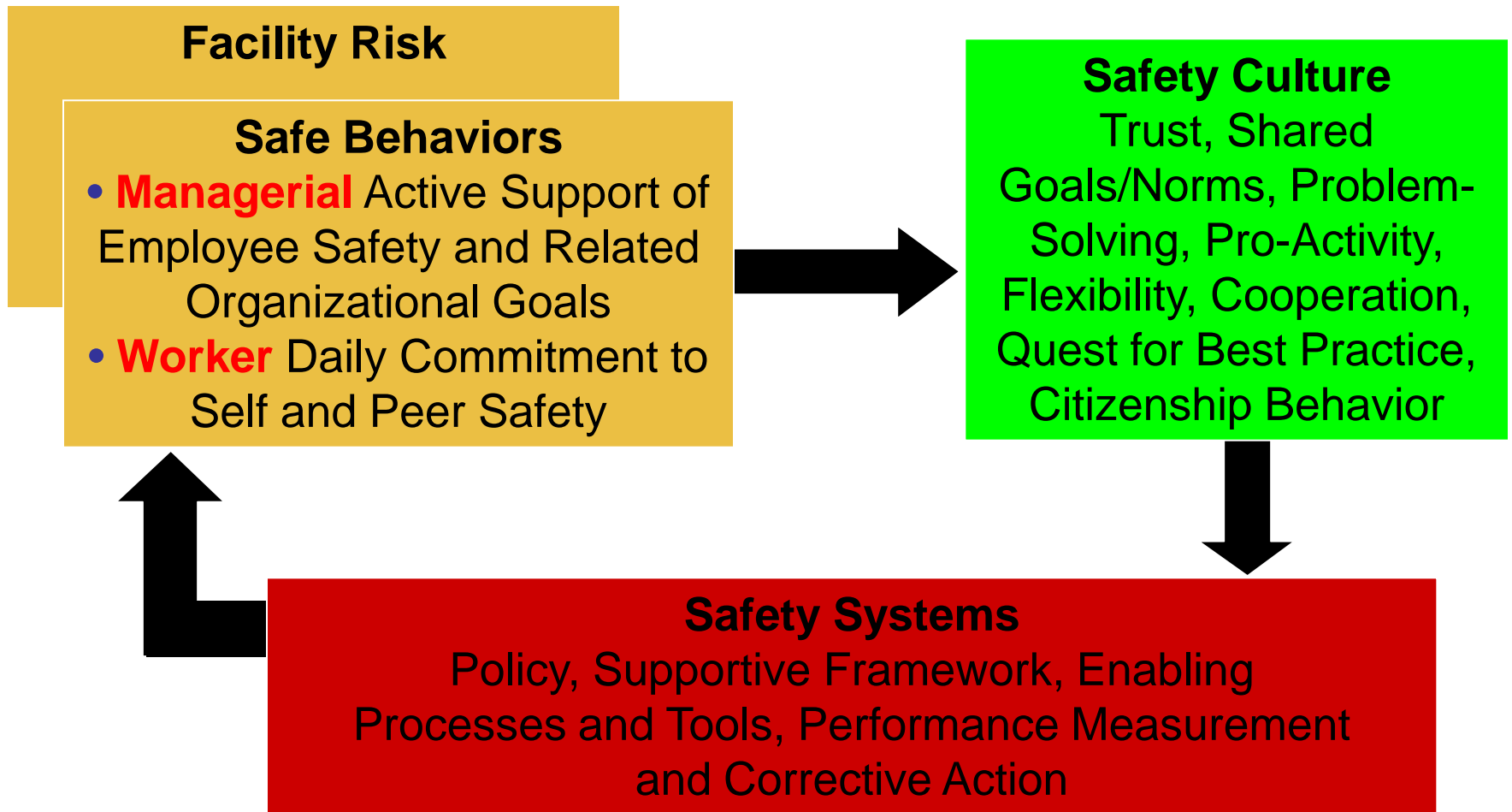
World-Wide Consensus: Best-Practice Elements of Workplace Health/Safety Mgmt Systems

From OSHA, Australian WorkSafe, UK Health/Safety Executive, ILO, AIHA/ANSI Z-10, OHSAS 18001, etc.

- 1) Leadership by Organizational Management**
- 2) Worker Participation**
- 3) Hazard/Risk Identification**
- 4) Hazard/Risk Prevention and Control**
- 5) Education and Training**
- 6) Prevention System Evaluation/Improvement**



Systems *Support/Enable* People (Mgmt and Workforce); People *Drive* Systems.





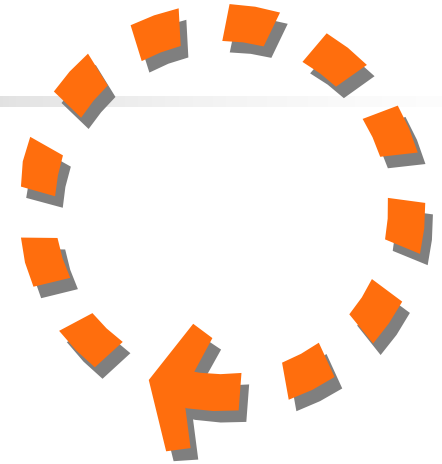
ANSI-Z10 Response to Need for **AMERICAN** Consensus Best-Practice H&S Mgmt System

ANSI Z-10 **AMERICAN** National Standard for Occupational Health and Safety Management Systems

- 1) **US Management**/Leadership Norms
- 2) **US Labor**/Individual Participation
- 3) Hazard/Risk Mgmt, per **US Law/Regulations**
- 4) **US Cultural Norms** Education/Training, et al
- 5) **US Workplaces** (Contractors/Multi-Employer)



ANZI-10 and PtD



- **SYSTEMS Enable Mgmt and Worker Collaboration on Nature of “Corrective Actions”**
- **SYSTEMS Enable “Anticipation”, as well as Recognition, Evaluation and Control, and therefore PREVENTION.**
- **SYSTEMS Enable “Planning” and therefore Future “DESIGN”**



FUTURE NEEDS FOR FUTURE SUCCESS

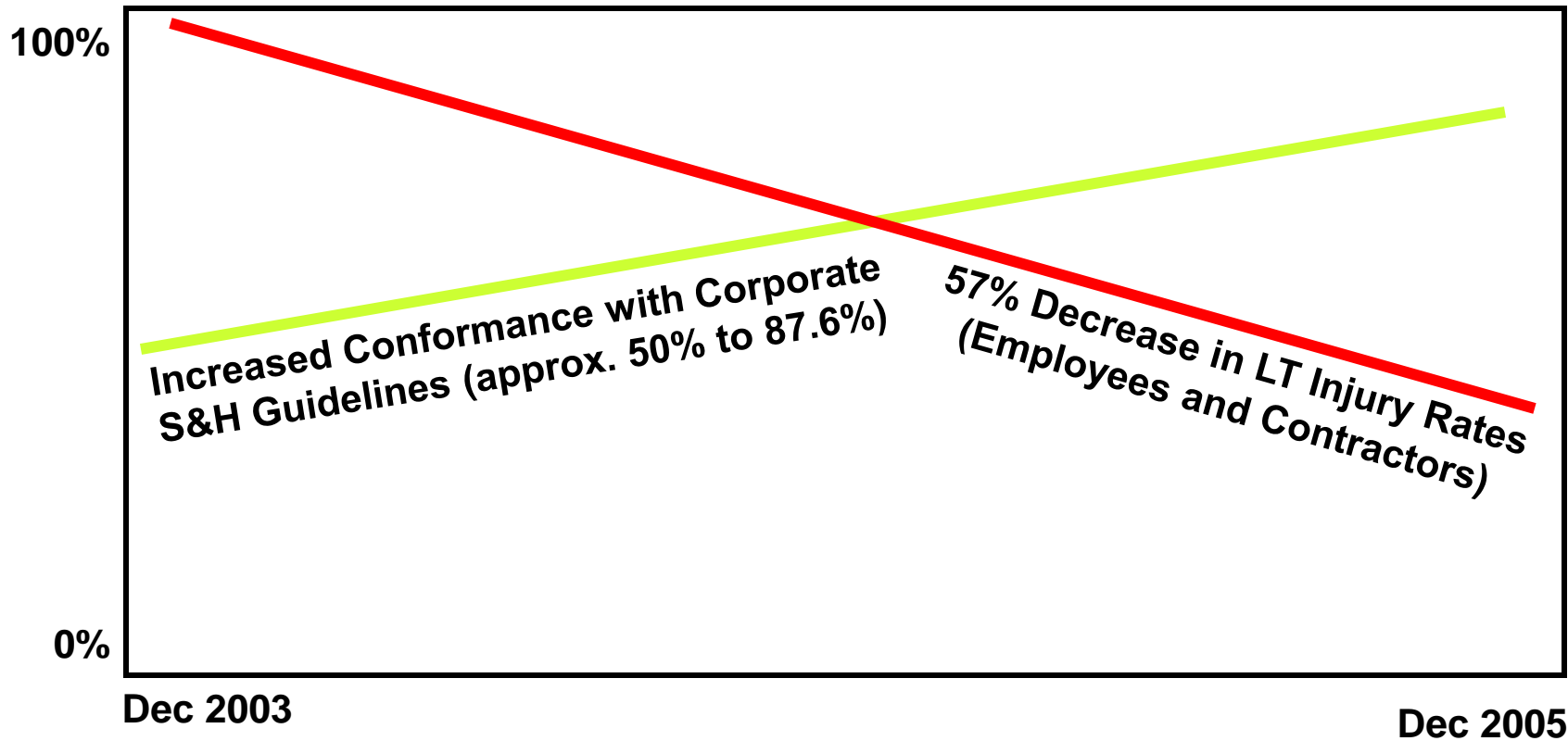
OSHA: "Good for Workers, Good for Business, Good for America"

- **More S&H "Evaluation/Improvement" Research Needed, such as:**

- Does It Really Work? NIOSH Pub 2004-135.
- Guide to Evaluating the Effectiveness of Strategies for Preventing Work Injuries. NIOSH. April 2001.
- OSHA Alliance Program Case Studies.
- Construction Industry Program Evaluation.
- Mining S&H Research at NIOSH. 2007.

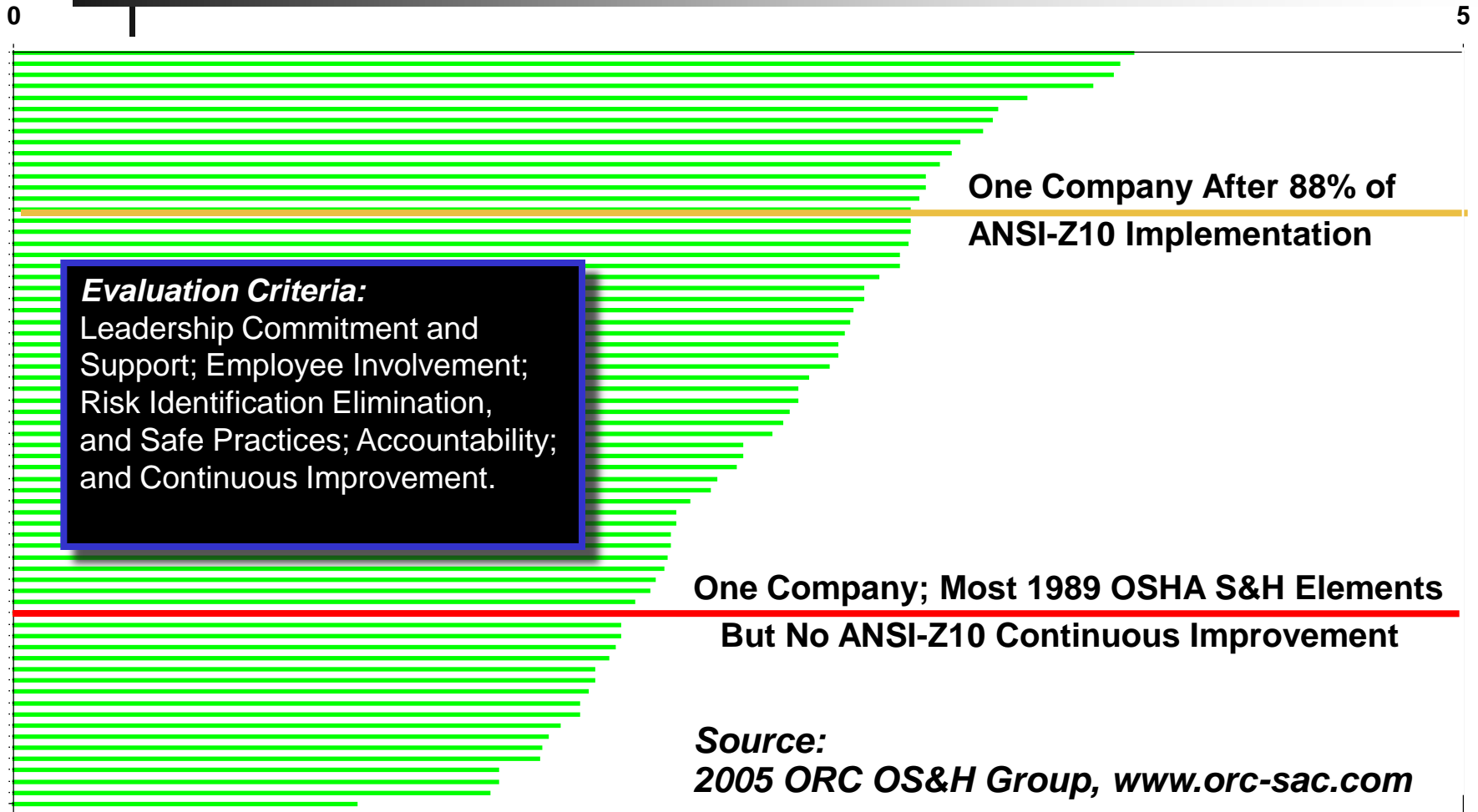


Individual Company Experiences: Health & Safety Mgmt "System" vs "Program"





US Large Org Benchmarking of Best Practices Shows Effectiveness; but More “Proof” Needed



“Leading indicators are the performance drivers that communicate how outcome measures are to be achieved.”

Robert S. Kaplan and David P. Norton, *The Balanced Scorecard*



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- **Update the Excellent (*but dated*) OSHA S&H Program Mgmt Guidelines.** 54 FR 3904 (1989).
- **Find a way to make 3rd Party Certification Audits work in the US.** Better Utilize 10,000’s of CIHs/CSPs.
- **Promulgate Fed OSHA I2P2 Standard.** It’s Needed.
- **Don’t Forget that ANSI-Z10 is the AMERICAN Consensus System.** (Not OHSAS 18001, et al.)



Questions and Comments?

Thanks!

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