

Summary & Review:

Transitioning to Safer Chemicals

A Toolkit for Employers and Workers

Review of Learning Objectives

- **Develop a plan of action** for transitioning to safer alternatives.
- **Examine** current chemical use.
- **Identify alternatives** to hazardous chemicals/processes.
- **Compare** potential alternatives.
- **Select** a safer alternative.
- **Develop a strategy for implementing** a safer alternative.

Steps in Transition to Safer Chemicals



Steps

Means

Outcomes

1. Build a team and create a plan

Build a team
Engage external stakeholders
Set goals for the reduction of chemical hazards

Mobilize stakeholders to initiate process for systematically considering chemical hazards in the workplace

2. Examine current chemical

Inventory workplace chemicals
Assess hazards
Set priorities

Identify targets for elimination, reduction and/or substitution

3. Identify alternatives

Consider a broad range of alternatives
Utilize existing resources to find potential alternatives

Develop a range of potential alternatives for review

Steps

Means

Outcomes

4. Assess and compare alternatives

Screen substitutes for hazards
Evaluate performance characteristics
Evaluate cost-effectiveness

Rank potential alternatives with respect to hazard, performance, cost-effectiveness

5. Select safer alternatives

Identify tradeoffs
Compare tradeoffs
Develop business case

Select safest alternative for worker health compatible with business viability

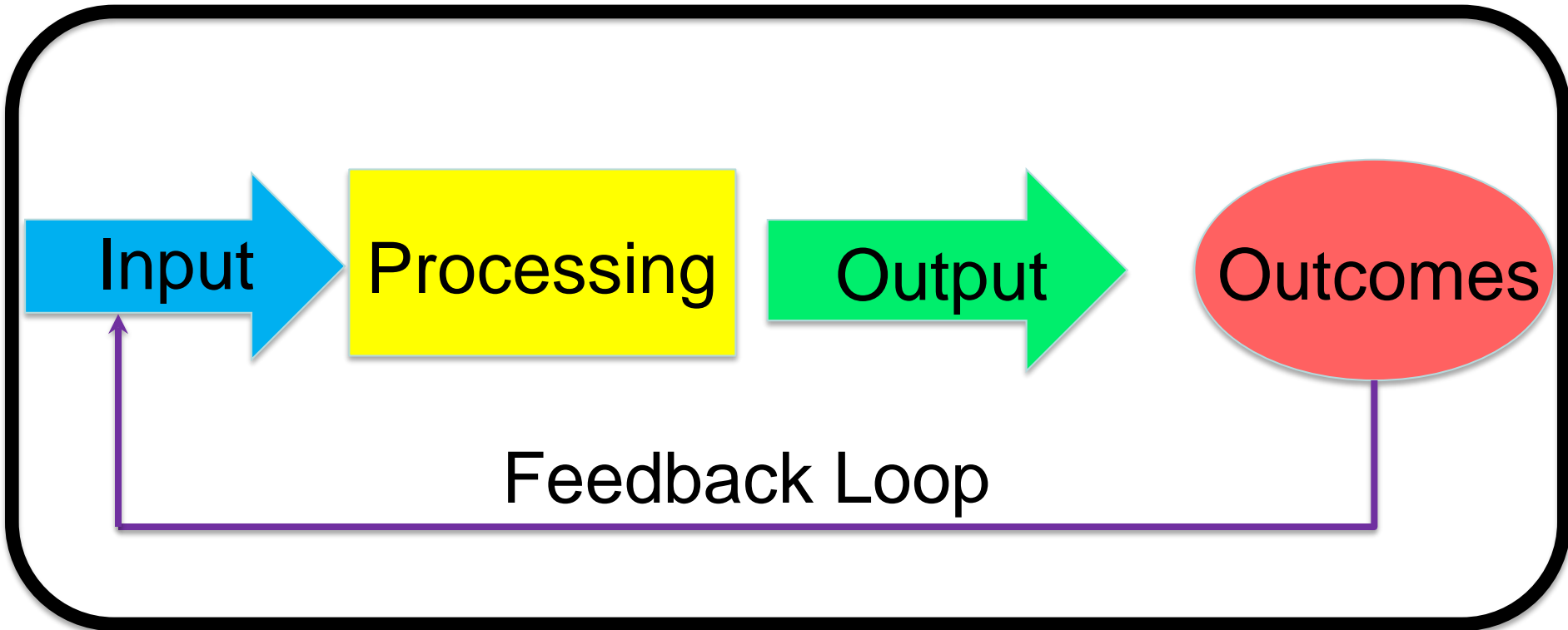
6 & 7. Implement alternatives

Design pilot to test alternative
Establish process for moving from pilot to full implementation
Incorporate continuous improvement

Use pilot to assess, modify, optimize
Fully implement and develop plan for continual improvement

Evaluate System

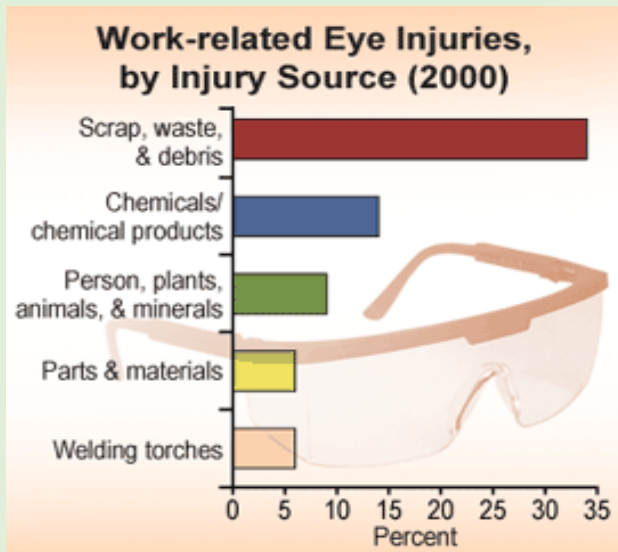
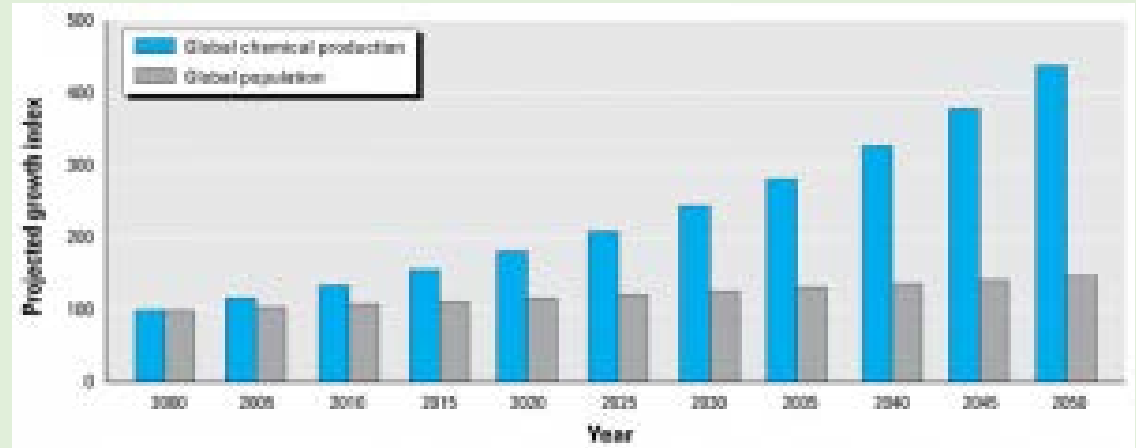
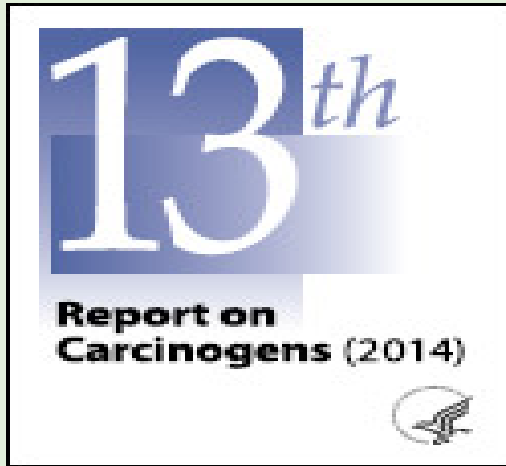
Boundary



Small Group Exercise

- What's the **1st Step** you would take at your organization (or organization you work with) to initiate process to transition to safer chemicals?
- Barriers to change?
- Strategies for overcoming barriers?

Importance of Driving Transition to Safer Chemicals



New Leverage Points, New Opportunities to Drive Change

- **New pressures/incentives**

- Supply chain customers
- NGOs
- Consumer health concerns
- Brand image concerns
- Recognition of worker productivity/health link.



Transitioning to Safer Chemicals: A Toolkit for Employers and Workers



- **New tools from government, NGOs and some companies to support transition to safer chemicals.**



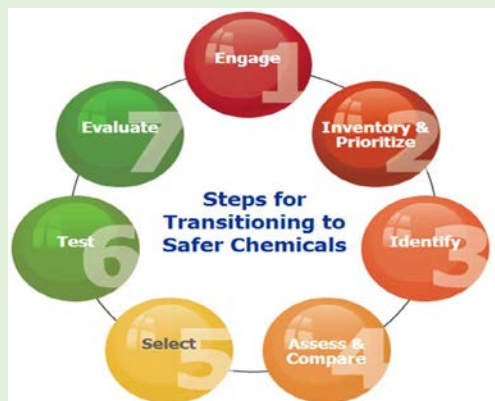
Your Recommendations:

Who would this training be useful for?

How would you reach them?

Thank you for participating
in this training for:

Transitioning to Safer Chemicals



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