

## Project Goal

Identify ways to further organizational learning in the context of Prescribed Fire

## **Project Objectives**

Investigate existing learning

Identify ways to further organizational learning

#### Project Methods

#### Workshops

Small Inter Agency workshops organized around concept of Dialogue

- Portland, Denver, Salt Lake City, Tucson, Florida
- 2 day workshops
  - < 25 people
  - Range of responsibilities (ground WO)
  - Range of agencies

#### **Analysis**

Instrumental: What is said – Compare against concepts of organizational learning, resiliency engineering, high reliability, human performance

Systems: How things are said – Communications, Dialogue

#### **Project Products**

- Recommendations based on understanding of strengths, weaknesses, gaps, opportunities when/where/how learning currently occurs
- Podcasts based on tips and techniques identified
- Peer review articles

## Learning: our sandbox

	Event	Review Process	Review Product	Transfer Activities
Individual				
Burn Team		Acri	INSIGHT 'ah	
Review Team			NSIGHT_ 'ah ON_ new behal	Vior
Peers/Units				
Organization				

## Types of conversation

#### Dialogue

# Generative learning

Goal: Developing emerging possibilities

Tone: Present to self, other, deep connections

# Serial monologue

Goal: Info exchange

Tone: Talking nice

# Mutual Learning

Goal: Understanding

Tone: Speaking to be understood Listening to understand

# Dueling monologues

**Goal: Persuasion** 

Tone: Speaking to persuade Listening to defend

Focus on group

Focus on individuals

Sources: ActionDesign, Dialogos, Scharmer

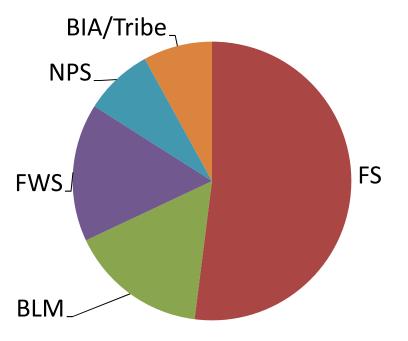
#### Monologue

#### **Workshop Structure**

- Day 1 Drilling down into learning
  - ✓ Personal stories of insight and action

- Day 2 -- Barriers/facilitators to learning
  - ✓ Processes, Products, Transfer methods

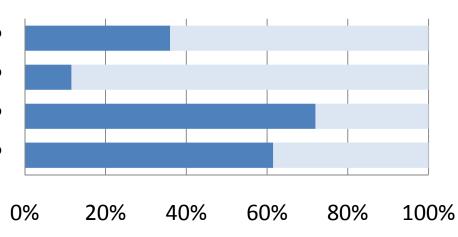
## Preliminary results



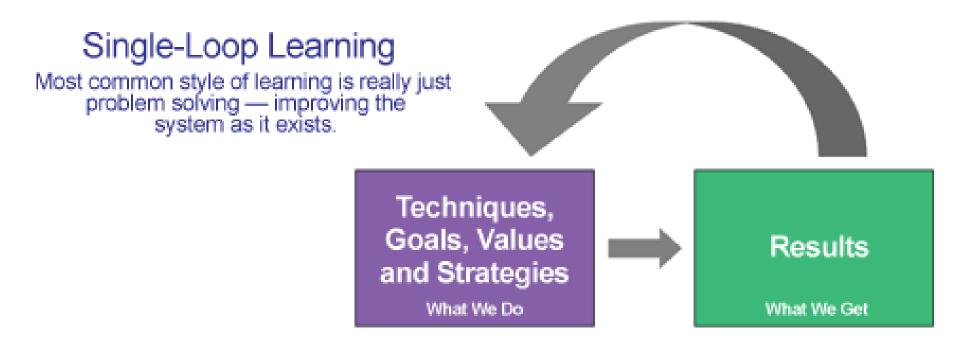
**Agency Affiliation** 

#### **Experience**

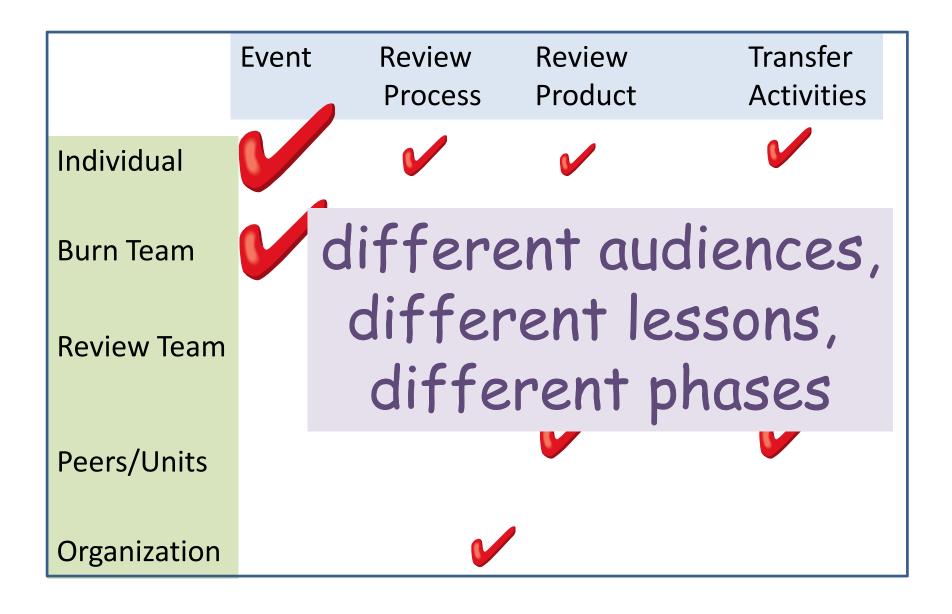
both subject and team member?
the line officer accountable for a review?
a member of a review team?
the subject of an escaped Rx review?



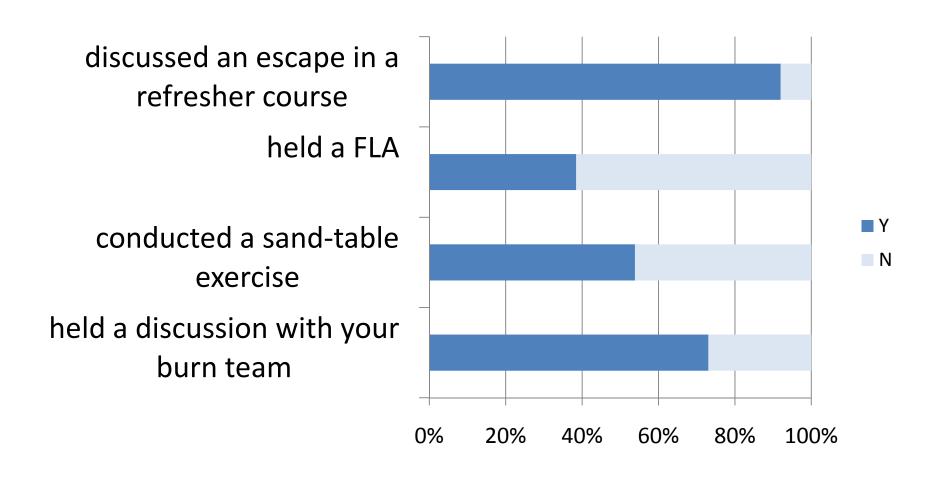
#### One lens for assessing learning



#### Where is learning occurring?



#### How are products being used?



## What do we hear about the current Process?

Current InterAgency Guidelines: at a minimum cover 7 elements – burn plan, qualifications, causal factors)

- From the ground
  - CP highlights the Burn Plan, which consists of 'fluff' and sideboards, but is not an operational plan. Therefore, most reviews do not provide feedback on the area of our most intensive focus: the burn operation itself

## What do we hear about the current <u>Process?</u>

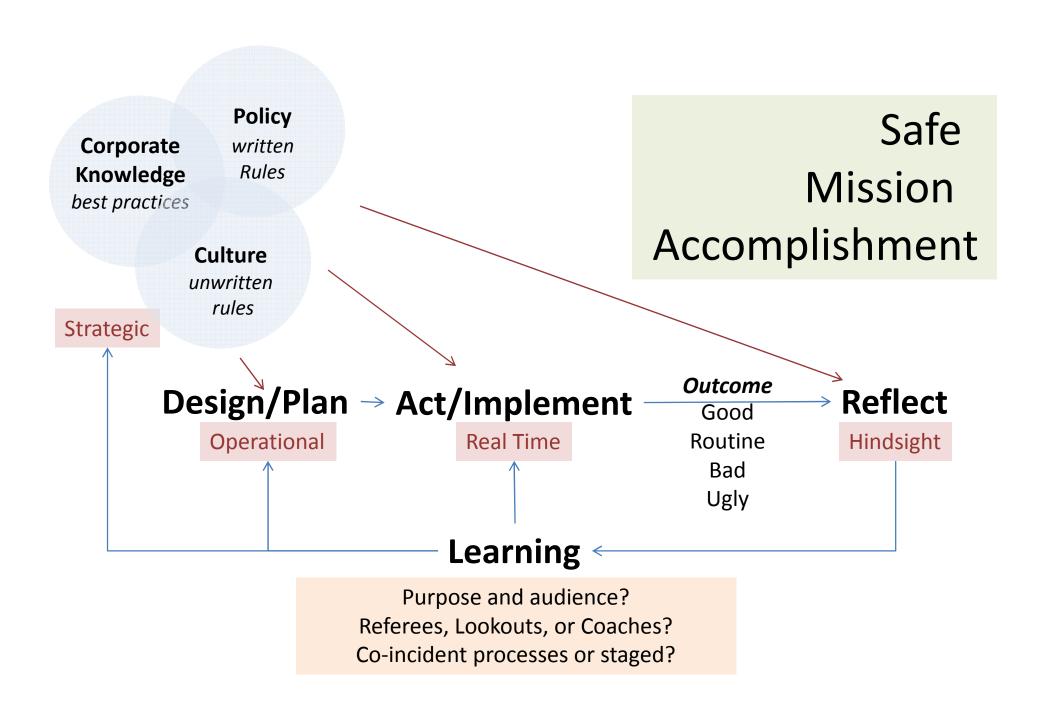
Current InterAgency Guidelines: at a minimum cover 7 elements – burn plan, qualifications, causal factors)

- From management
  - CP provides the means to meet the Interagency
     Guidelines and Agency Policy: and often through
     this, the means to explain the incident to external
     audiences ie, our responsibility

## How can we improve learning?

#### We need a system!

- An easy, institutionalized reporting system
  - Track all outcomes
    - the good, routine, bad and ugly
  - Quick, efficient collection/dissemination
  - Check for trends at an organizational level
- A clear, nested and aligned system of reviews
  - Don't mix pursuit of cause with pursuit of learning



#### How can we improve learning?

#### We need a system!

- Rethink review teams
  - Direction, tone and training
  - Staff for skills to hit intended audience
- A defined dissemination system
  - Create a buzz about the product
  - Develop a systematic notification system
  - Tailor transfer to specific audience(s)
    - Peer-to-peer
    - Web-based
  - Train those who transfer lessons
  - Single clearinghouse with cross-references

#### Reflecting though the lens of learning

**Existing strengths** 

Single Loop *Adaptive Learning* 

Deepening mastery – particularly personal

- burn plan development, review
- fire environment
- operations
- human interactions

Transformational Learning

**Double Loop** 

Rethinking the purpose of reviews

- for whom?
- how tiered?

Exploring new processes

- •FLA/APA
- transfer mechanisms/activities

#### Reflecting though the lens of learning

Possible gaps and opportunities

Single Loop *Adaptive Learning* 

Deepening mastery – collective and cross-scale

# Double Loop *Transformational Learning*

Developing system's perspective

- defining a system
- patterns- in learning, gaps
- connections

