



# Fire Program Analysis System

## An Overview in a Nutshell

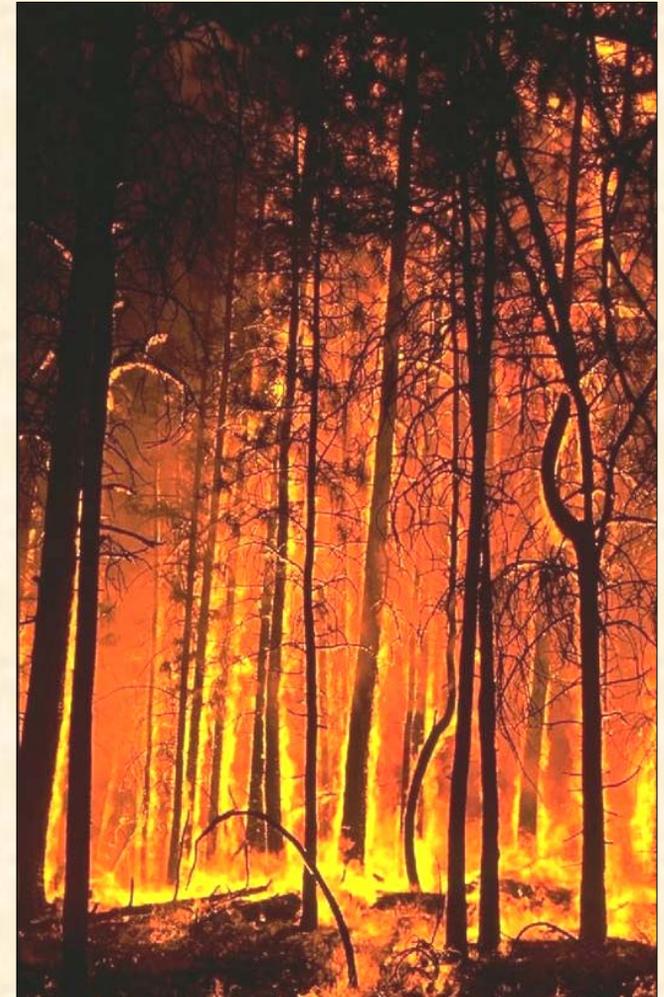
February 2004





# Contents

- **What is it and Why do it?**
- **The FPA Vision & History**
- **Project Organization**
- **Project scope and milestones**
- **Current project status**
- **The fundamental change in how we will do business**
- **How FPA will affect you**
- **Getting ready for FPA**





## **What is it and Why do it?**

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**What? – The Fire Program Analysis (FPA) system is simply an out-year Fire budget determination tool.**

**Why? - The 5 Federal fire management agencies have been working together for years. However, when they submit their budget requests to Congress, they have always asked for different amounts to do the same thing.**

**Congress asked us to start using one interagency budgeting tool to better implement: 1) the 1995/2001 Federal Fire Policy, 2) the 10-Year Comprehensive Strategy, and 3) the Hubbard Report (National Fire Plan).**



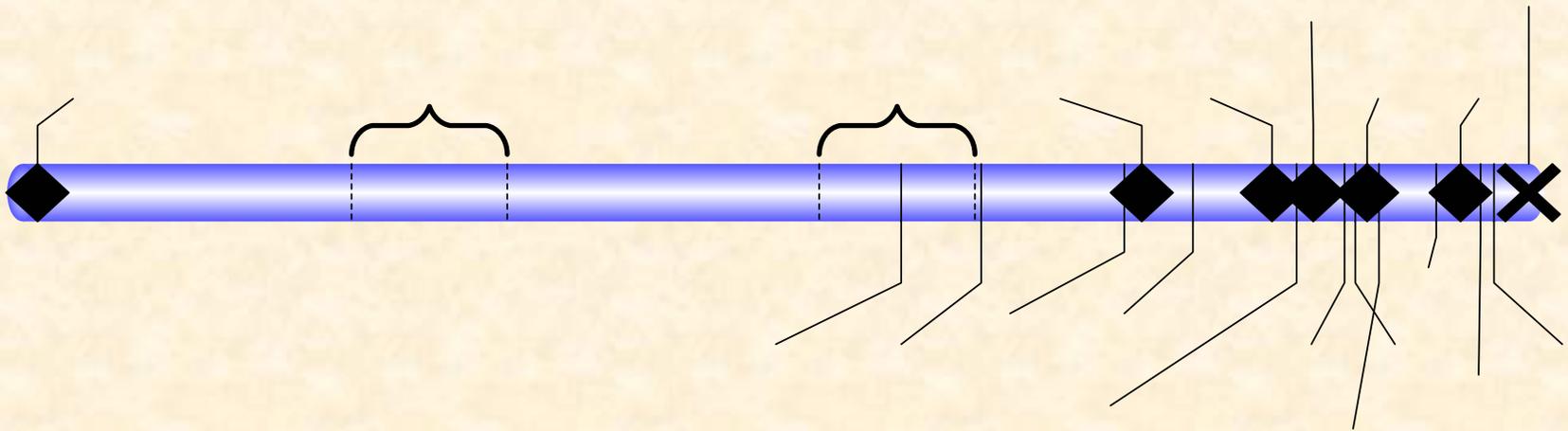
# The FPA Vision

- Common interagency process for strategic fire management planning and budgeting
- Common budget request and allocation processes; common models; common assumptions; common displays
  - *Replaces the three legacy systems: IIAA, Firepro and **Firebase**.*
- Maximizes the effectiveness of programs at different budget levels
- Landscape scale, interagency analysis via planning units
- Rightsizes programs based upon all interagency resources.
- Scientifically based, peer reviewed



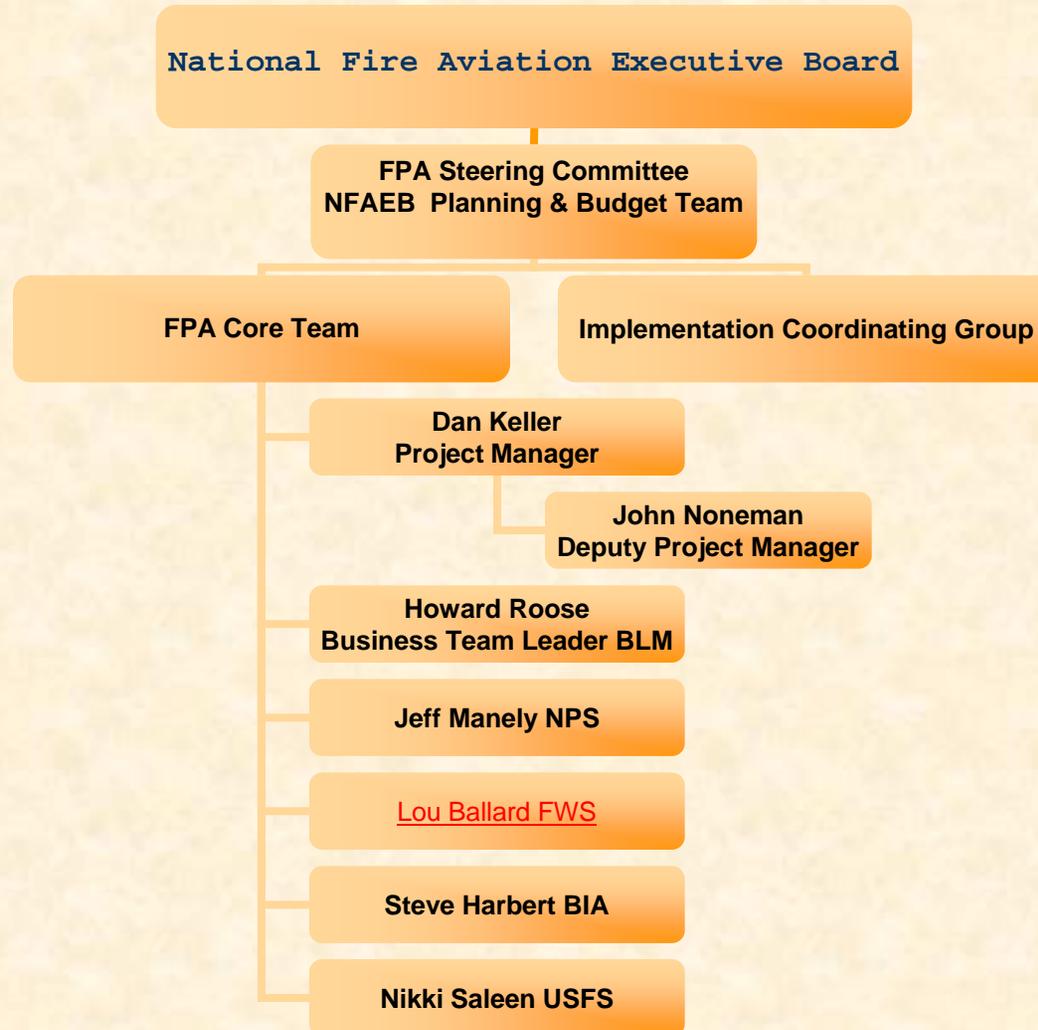


# Historical Perspective





# The FPA Project Organization





# Project Scope

## A. Phase I (*Preparedness Module*)

- Initial Response for Suppression and Wildland Fire Use
- Uses an optimization approach to determine the most effective organization associated with an array of budgets
- Is strategic, not tactical
  - Will be used as an out-year planning and budget tool
- Training, manuals, handbooks will be available to assist with implementation





# Project Scope

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**Currently there are 4 Phase I Prototypes being conducted:**

- Chosen from existing interagency, collaborative groups
- Help develop and test FPA processes for the preparedness module
  
- **Southern Sierra**
  - USFS, BLM, FWS, BIA, NPS, CDF, Kern County
- **Central Oregon**
  - USFS, BLM, NPS, BIA, ODF
- **Southern Mississippi**
  - USFS, FWS, NPS
- **Alaska**
  - BLM, USFS, FWS, NPS, BIA, Native Corporations, State of Alaska



# Project Scope

- **Phase I Ready for rollout and field-level implementation by September 30, 2004 (OMB) mandatory deadline**
- **Implementation team established**
- **Building upon existing collaborative relationships**
- **Developing interagency Fire Planning Units**
- **At least 60% of federal land mass will be implemented (Preparedness Budget) in October 2004.**





# Project Scope

## Phase I Milestones:

- Project Initiation 05/30/02
- Project Charter Developed 09/30/02
- Contract Award 05/02/03
- Design and Build 06/07/04
- **Field Data Development** 06/30/04
- Develop Policy and Procedures 09/30/04
- Software Available for  
Implementation (Mandated) 09/30/04
- National Training Begins 09/30/04



# Project Scope

## B. Phase II (*Lg fire, Fuels, Prevention, BAER*)

- An integrated approach that provides a cost-effective solution for overall wildland fire program
- Addresses following components:
  - Extended Attack, Large Fire Support, and National Resources
  - Prescribed Fire and Fuels Management
  - Prevention & Education
  - Emergency Stabilization and Rehabilitation





# Project Scope

## Phase II Features

- Will synthesize more program elements
- Includes integration with Phase I
- Incorporates geospatial capabilities
- Incorporates new system security planning requirements
- Expands strategic program analysis capabilities





# Project Scope

## Phase II Milestones

- **Project Initiation** **October 2003**
- **Integration Testing Complete** **October 2007**





# Project Status

- **FPA is on schedule and within budget!!!!**
- **Federal Sources – 8 %**
  - Project Management
  - Subject Matter Expertise
- **Contract Sources – 92%**
  - Design and Build – IBM, Bighorn and others
  - Economics – Colorado State University
  - Security Certification and Accreditation – SAIC
  - Business Requirements – Common Thread Inc.
  - Capitol Planning Investment Control – SAIC
- **FY07 budget formulation and allocation**





# A Fundamental Change

- **Interagency analysis vs. single agency analysis**
- **Landscape scale**
- **Resource values reflected as relative weights, not dollars**
- **Uses optimization to maximize effectiveness at least cost**
- **Displays tradeoffs between program objectives at different budget levels**





# A Fundamental Change

- **Uses non-monetized cost-effectiveness analysis**
- **Accommodates interagency planning units, shared initial response resources, and program management staff**
- **Uses standardized assumptions and tools across agencies**
  - **NWCG standards**
  - **Geographic Area grade structure for crews**
  - **Others**







# How FPA will affect you

- **Will the system require additional time, money and people?**
  - some time but not much else.....
- **Will I be required to change my plans, i.e., NEPA decisions, interagency plans?**
  - FPA itself will not require plan changes
  - FPA is a tool to analyze plans and policy
  - Guidance will be developed





# Getting ready for FPA

- **Create data layers that follow agency standards**
- **Ensure your unit Wx and occurrence data are up to date.**
- **“Partner up” with your neighbors**
- **Have fire management plans for every burnable acre.**
- **Think landscape – prepare locally**





# Visit the FPA Website



***<http://fpa.nifc.gov>***

