Project Status

➢Project schedule and re-baselining.

Operations and Maintenance Plan

➢Purpose, Functions, Organization/Governance
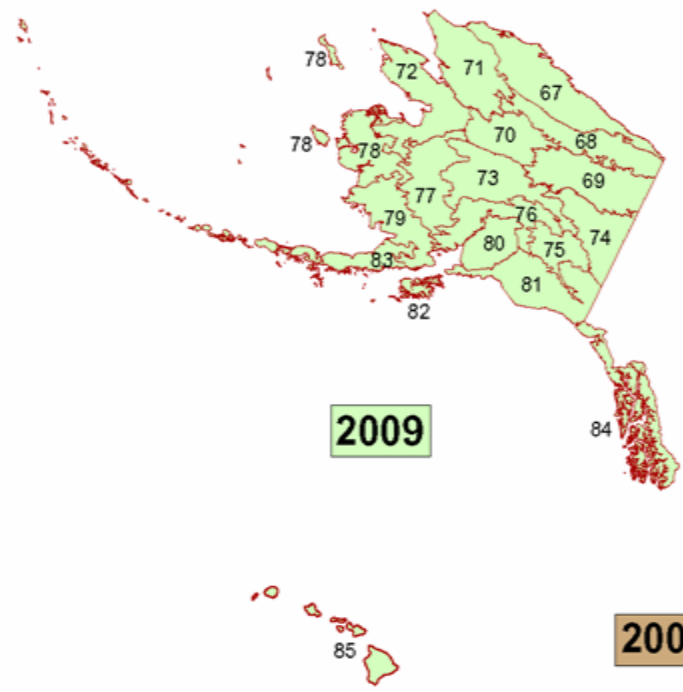➢Implementation and Requirements

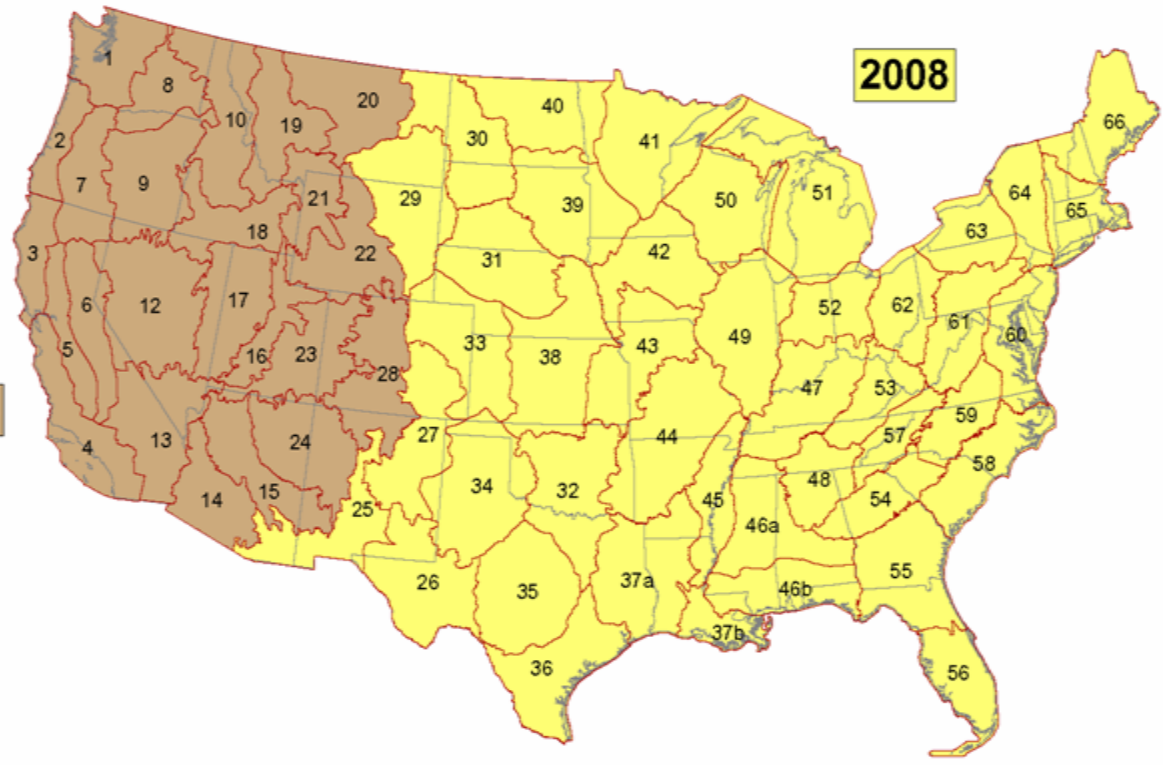| Key Milestones	Schedule
Prototypes (Map Zones 16/19)	
Rapid Assessment - conterminous 48 states	2006
LANDFIRE for western states	2006
LANDFIRE for eastern states	2008
LANDFIRE for Alaska and Hawaii	2009

The LANDFIRE Executive Oversight Committee re-baselined the project eastern milestone from March 30, 2008 to September 30, 2008.

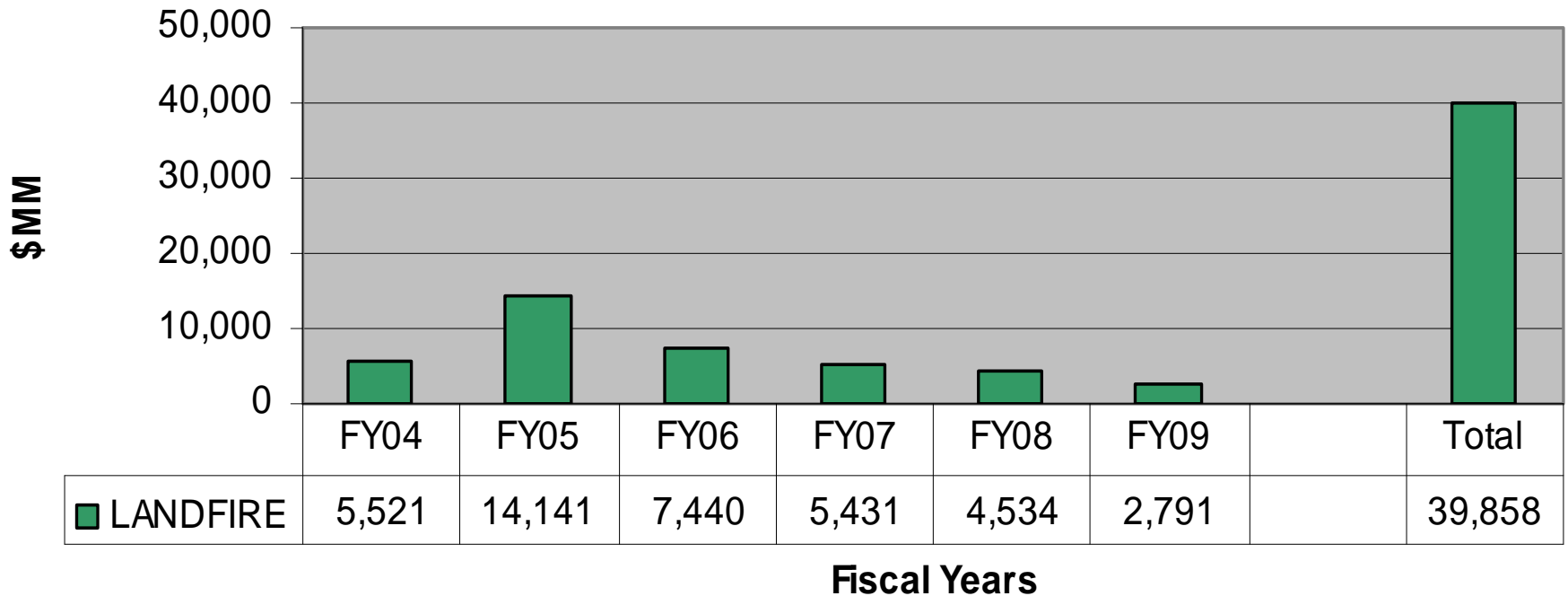LANDFIRE mapping zones by year of completion

LANDFIRE - Project Budget

	FY04	FY05	FY06	FY07	FY08	FY09		Total
■ LANDFIRE	5,521	14,141	7,440	5,431	4,534	2,791		39,858

$MM

Fiscal Years

PRINCIPAL PURPOSES:

- Provide national level, landscape scale geo-spatial products to support fire fuels management planning
- Provide consistent fuels data to support fire planning tools and analyses, such as Fire Program Analysis
- *Provide landscape cross-boundary strategic products for fire and land management activities*
- *Supplement, as possible, planning and management activities, including monitoring, that require consistent vegetative data (e.g. grizzly bear project)*
- *Supplement, as possible, strategic and tactical planning for fire operations (e.g. WFDSS)*

PROGRAM FUNCTIONS:

- Data management

- Training – Technology Transfer

- User support and program communications

- Data updates/currency

- Managing innovations and change
  - New capabilities for existing uses
  - New capabilities for new uses
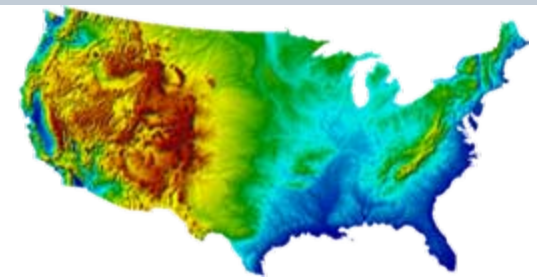 - New technologies

- Governance

DATA CURRENCY AND UPDATES:

- Short-term refresh of original (2001) data to be current up to 2009
- Biennial updates of data (starting 2009)
- Complete re-mapping of data (decadal cycle, beginning 2017)

- Refresh/Biennial Updates: 9 Core Data Layers
- Decadal Update: Re-mapping of applicable original data layers

LANDFIRE Spatial Products

Fire Behavior Layers

- 13 Anderson (1982) Fire Behavior Fuel Models
- 40 Scott/Burgan (2005) Fire Behavior Fuel Models
- Forest Canopy Bulk Density
- Forest Canopy Base Height
- Forest Vegetation (stand) Height
- Forest Canopy Cover

- Elevation
- Aspect
- Slope

Fire Effects Layers

- Fuel Loading Models
- Fuel Characteristics Classification System (FCCS)

Vegetation Layers

- Environmental Site Potential
- Biophysical Settings

- Existing Vegetation
- Existing vegetation height
- Existing vegetation cover

Fire Regime Layers

- Fire Regime Condition Class (FRCC)
- FRCC Departure
- Fire Regime Groups
- Simulated Historical Fire Return Interval
- Percent of non-lethal fire
- Percent of mixed-severity fire
- Percent of stand-replacement fire
- Succession Classes

ORGANIZATION:

- Interim: Program management conducted by current organization
- 2009: Program management organization embedded in an existing federal agency; TBD by June 2008
- Program manager and appropriate staff
- Use of contract support for many functions
- Ongoing joint USDA FS and DOI funding

GOVERNANCE:

- Establish an executive-level steering group
  - Provide oversight of and strategic direction to the program management organization
  - Manage innovation, including prioritization of new functionality
  - Collaboration and coordination with non-fire programs and organizations
  - Integration with legacy and future programs and capabilities (e.g. forest health)
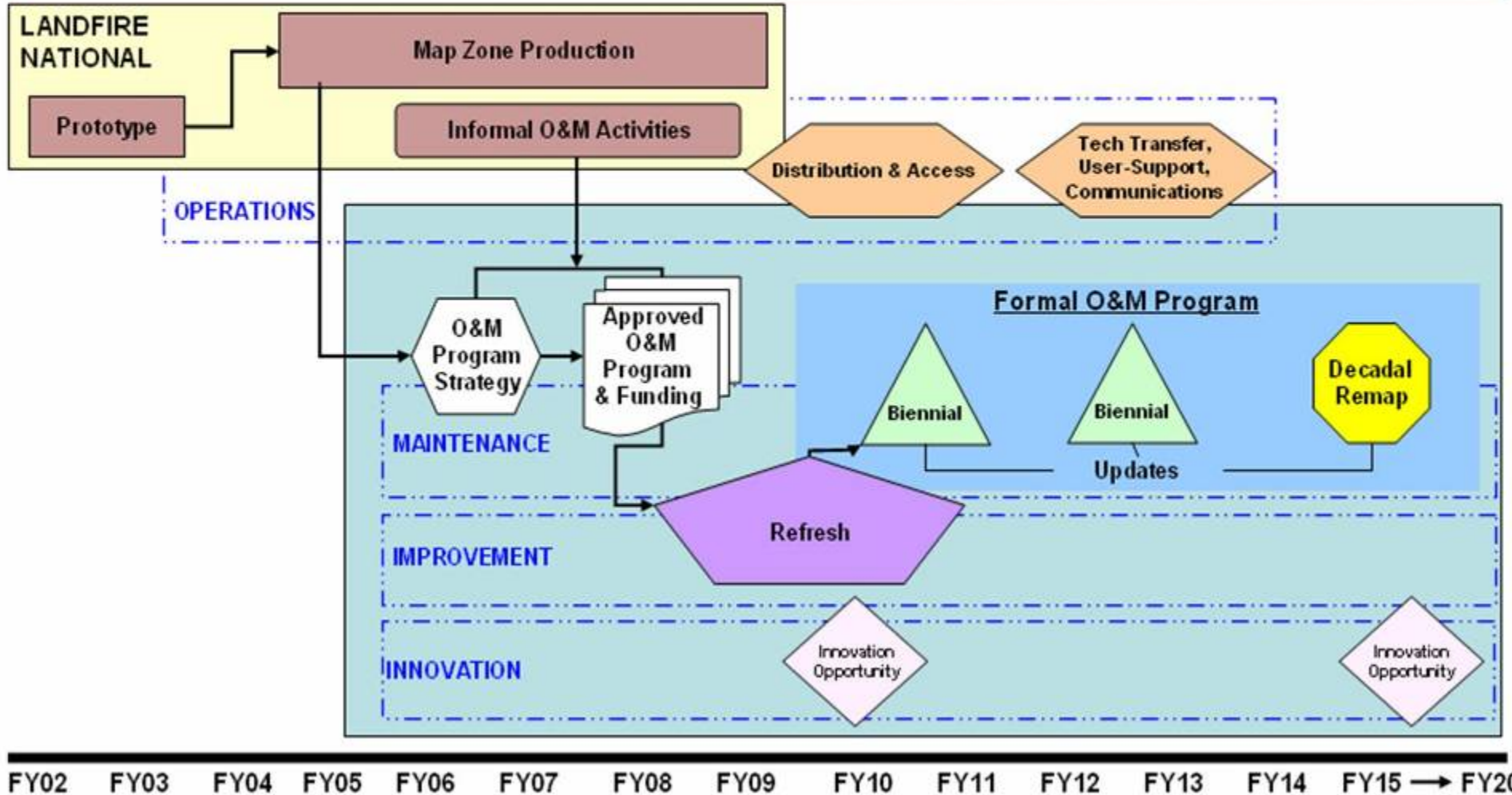- Mechanism for customer involvement and feedback

RESOURCE REQUIREMENTS:

- FY 2008: $1.2 million
- FY 2009 – 2014: $2.8 million annually (biennial remapping program)
- FY 2015 – 2016: $3.7 million annually (continued biennial updates and data collection for decadal remapping)
- FY 2017 – 2019 - $7.0 million annually (decadal remapping years)

Funding by Year

	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19	FY20		Totals
■ Project	5,521	14,141	7,440	5,431	4,534	2,791	0	0											39,858
□ O&M					1,224	2,441	2,842	2,872	2,865	2,866	2,860	3,641	3,763	6,892	7,032	7,174	7,323		53,795

Years

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