

Wildland Fire Information and Technology Management

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EXECUTIVE BOARD

JUNE 14, 2013



Agenda

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- Agenda Review and Opening Comments
- March Meeting Recap
- Status Summary
- Project Deliverables
- Architecture Decision Documents
 - As Is
 - Business
 - Technical
- Data Management and Governance Update
- Access Management Update
- Issues/Round Robin



March Meeting Recap

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- **Expectations of EB**
 - Technical Architecture Letter to EB by April - incomplete
 - Initial Operating Capability in Place - incomplete
 - Working Groups Formed - incomplete
 - Business blueprint approved and priorities established - incomplete
 - Initial Five Year Plan - complete
 - Access management moved forward – in progress

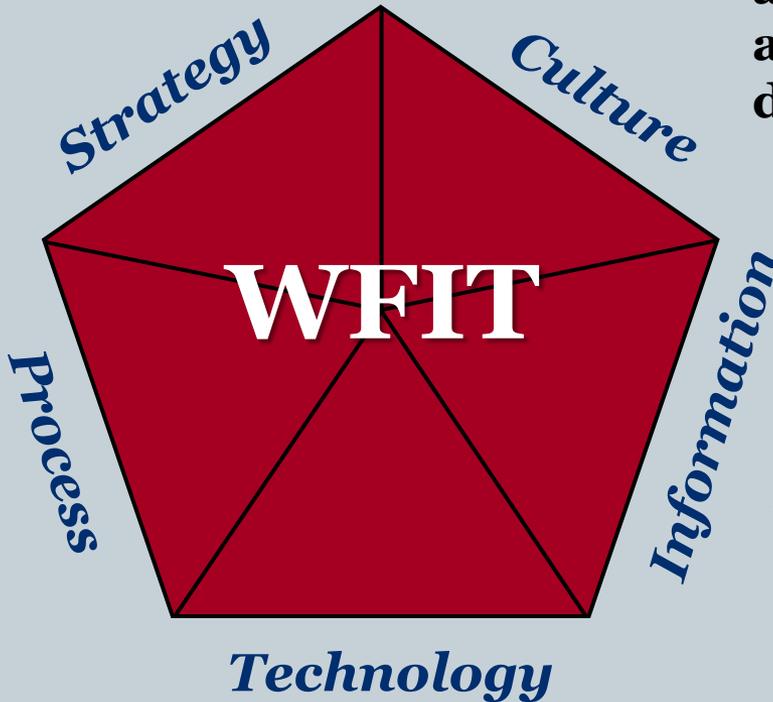


WFIT Key Elements of Change

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Strategic direction for enterprise-wide decision making in support of overall organizational objectives

People's attitudes and skills as well as organizational dynamics



Operating methods, practices, policies and procedures

Accurate, reliable, standardized, timely data

Information systems to enable transformation



Progress to Date

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- ✓ 5 WLF LOB Business Enterprise Priorities Identified
- ✓ WFIT Enterprise Transition Objectives Established
- ✓ WFIT Project Plan Done

- ✓ Enhanced focus on WLF business needs
- ✓ Empowerment of WFIT PB Members

- ✓ WFIT Investment Review Process Drafted
- ✓ MAB WFIT Business Review Process Initiated
- ✓ MAB acceptance of WFIT PB Working Group Charters
- ✓ Interagency WFIT SME Meetings
- ✓ Realignment of ITC Sub-committees under PB



- ✓ Enterprise Priorities focused on Data Standards
- ✓ WFIT Web Page Development
- ✓ Systems (Irwin, EGP)

- ✓ Enterprise (Cloud, Mobile Capabilities, etc.)
- ✓ Access Management-CIO's Making Progress



However Challenges Remain...

Major Hurdles Impeding the Program Board's Progress

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Lack of Resources

PB still lacks the necessary support and resources to accomplish assigned taskings.

Governance Issues

Conflicting direction and decision space issues regarding MAB\EB activities is having a trickle down effect on PB members and their ability to focus on WFIT project plan deliverables and deadlines.

Conflicting Priorities

Daily agency\organizational mission requirements competing with WFIT expected deliverables; goes back to governance issues and priorities of work assigned by leadership.

PB NEEDS MAB AND EB ASSISTANCE TO RESOLVE THESE CONCERNS



Status Summary

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	WFIT Web Site	50% Completed
	WFIT Initial Operating Capability	25% Completed
	Organizational Structure	10% Completed
	Process for Investment Management	35% Completed
	Business Blueprint	25% Completed
	Current State Investments	25% Completed
	Near Term Cost Savings	25% Completed
	Data Management Plan	25% Completed
	Security Management Plan	25% Completed
	'To Be' IT Blueprint	35% Completed
	Five Year Investment Plan	50% Completed
	Production Capability	10% Completed



WFIT Web Site

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- Established hosting
- MOA complete
- Funds Transferred
- Next steps
 - Outline
 - Content
 - Deploy





Initial Operating Capability

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- Gaps in capital planning, architecture, and portfolio management skill sets and who can direct activity
- Ongoing change management challenges; major cultural/organizational changes





Organizational Structure

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- Charters for domain working groups signed in June
- Challenges of resource availability and roles and responsibilities persist – delaying progress
- Without a well defined organizational structure, it is not possible to design a functioning business process



Organizational Structure

Skill Set Outlined in Charters

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- Role and responsibility of Domain Working Groups (WG)
- SMEs being identified by PB to fill Charter Positions

Planning WG

 **Co-Chairs**
Sean Triplett/Paul Scholbalm*

 Portfolio Management:
Carol Saras*

 Data Management

 Applications Manager

 IT Architect

 Capital Planner

Development WG

 **Co-Chairs**
Chris Markle/Dorothy Albright

 Project Management: **Keri Vest: DOI
TBD**

 Business Lead

 Contracting Officers Representative

Operations & Maintenance WG

 **Co-Chairs**
Janis Reimers/Teddi LaMoure

 Help Desk: **Sharon Shepard; DOI TBD**

 Database Admin

 Systems Admin

* Pending MAB\EB Approval



Management\Empowerment of the workforce is crucial to the success of the process

● Process For Investment Management

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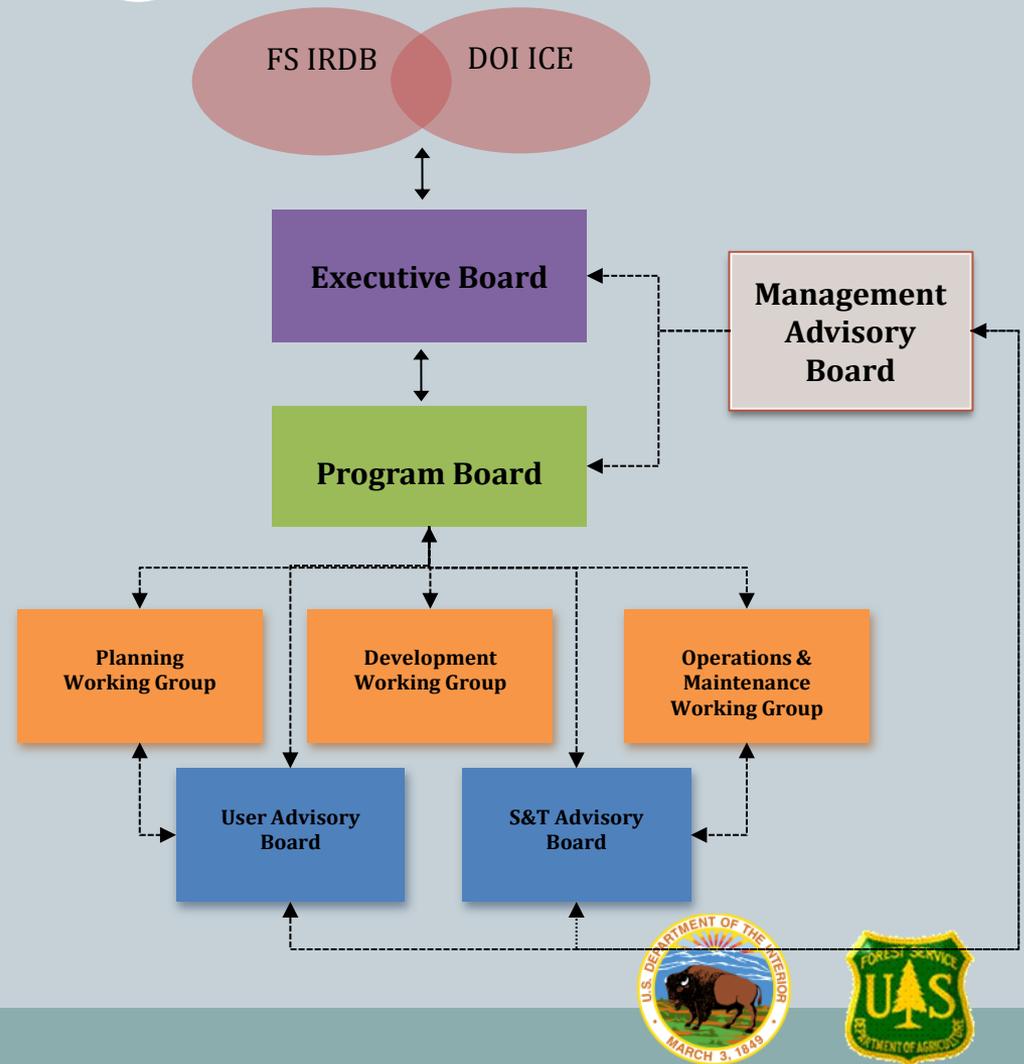
- Operational support plan is in draft with process drawings being done by FS resources
- Business processes have been drafted
- Classification and rating of investments are drafted
- Still in progress
 - Business rules development
 - Investment project oversight



Process For Investment Management

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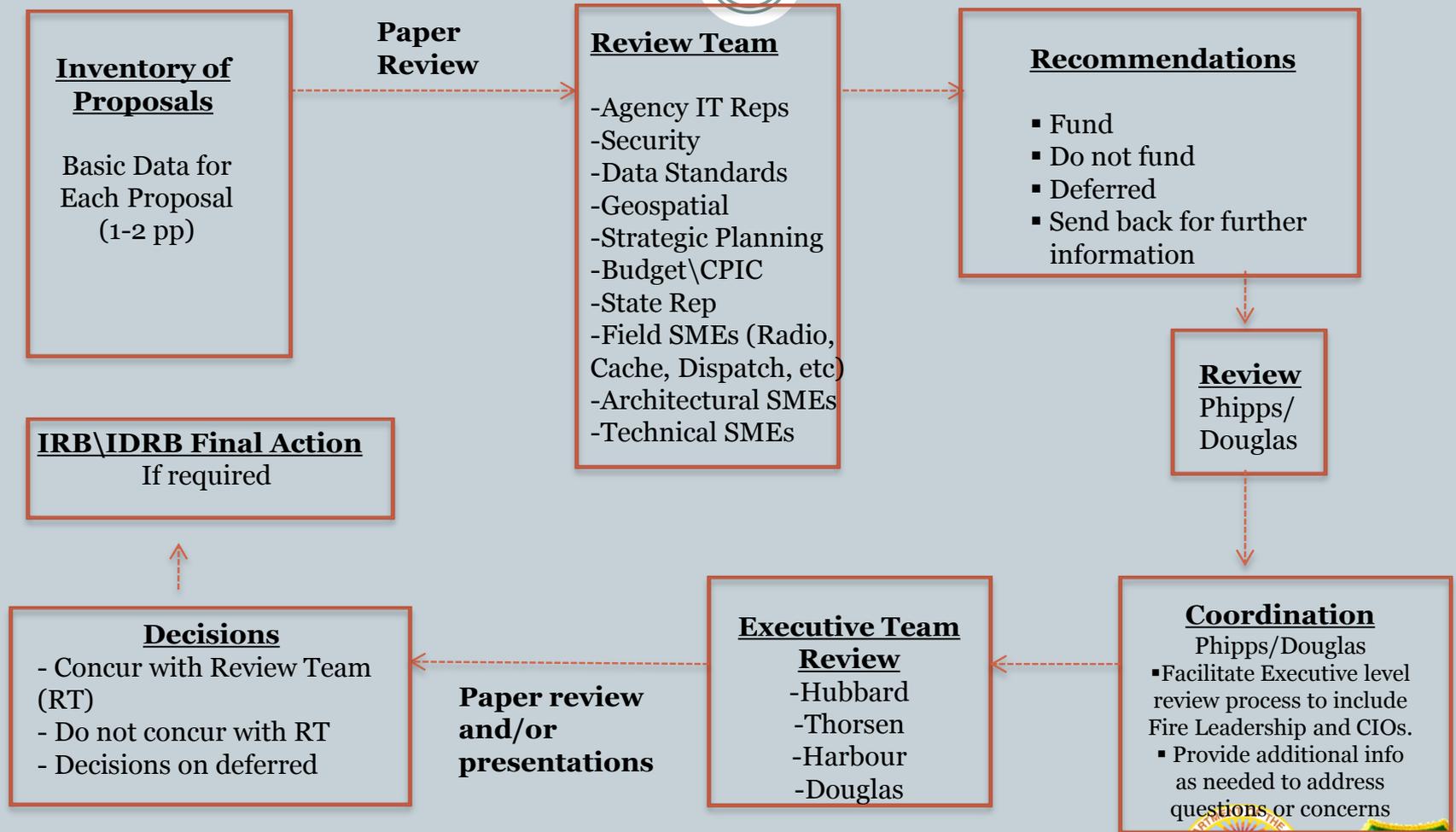
- Independent CIO Investment Reviews execute process
- Approval/Disapproval of Portfolio
- Weighted Recommendations
 - MAB Business Weight
 - PB Technical and Support Weight
- Proposal Generation/Project Management/Portfolio and Performance Management
- Concept Development





Fire IT Investment Review Process

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Business Blueprint

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- Documented the primary and secondary business activities within wildland fire
- Determined capabilities required by the business activities

Update, validate, and finalize previous work (e.g. NWFEA)

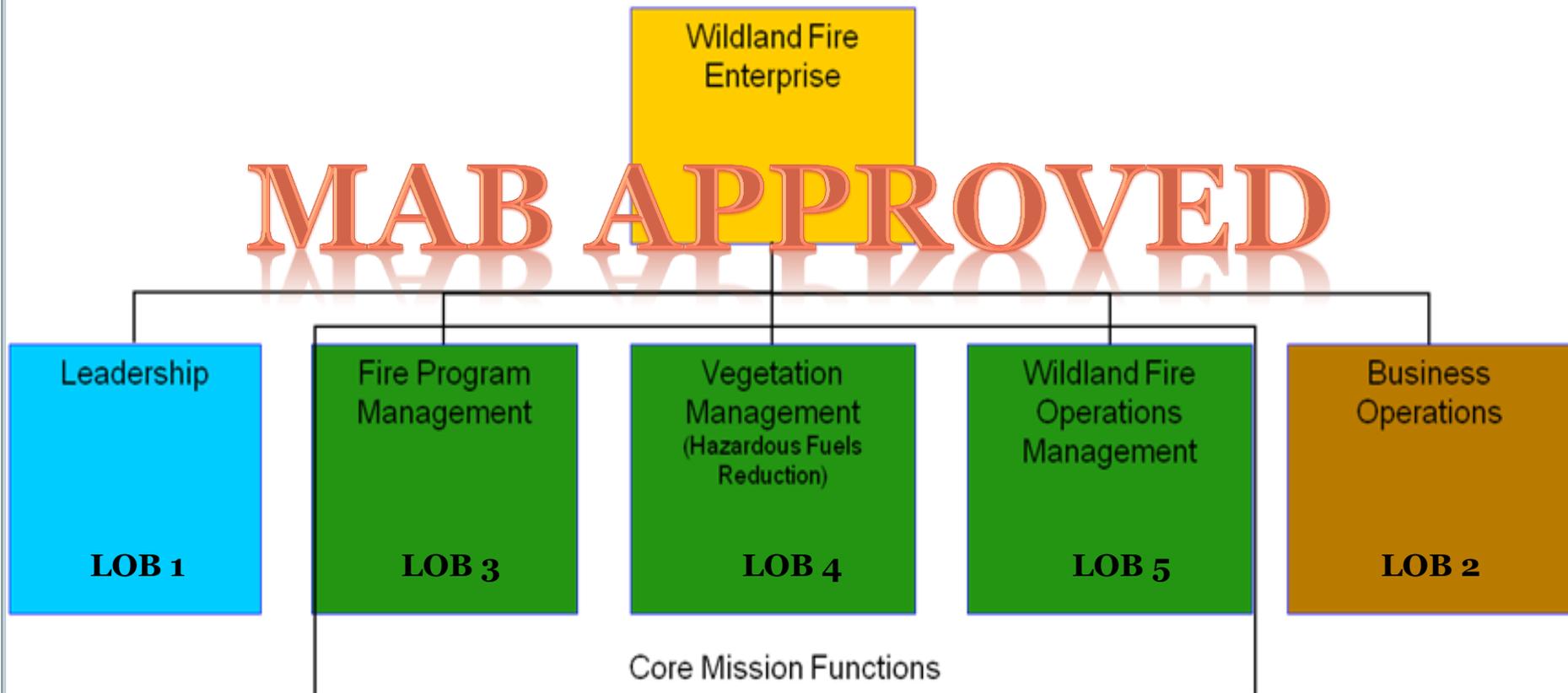


Wildland Fire Line of Business Functions

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National Wildland Fire Functions

MAB APPROVED



Line Of Business Summary

WLF LOBs



Focus Areas

LOB 1
Leadership

Strategic Planning
Policy Development
Financial Planning
Compliance Requirements Management (NEPA)
Performance Monitoring & Assessment (NEPA)
Investment Decision Making
Fire Program Development
Design and Implement Operating Model
Product Management

LOB 2
Business Operations

Financial Management
Human Resource Management
Contract Management
Asset Management
Records Management
Information & Technology Management

LOB 3
Fire Program Management

Communications
Fire Planning
Standards & Procedures, Maintenance & Development
Workforce Management
Community Assistance/Public Outreach (e.g. Fire Adaptive Communities Activities)
Fire Environment



WLF Line Of Business Summary Continued

WLF LOBs

Focus Areas

LOB 4

**Vegetation Management
(Hazardous Fuels Reduction)**

Tactical Planning

Treatment Implementation

Treatment Assessment

Resilient Landscapes

Fuels Treatment Reporting

LOB 5

WLF Operations Management

Tactical Preparedness

Fire Response

Stabilized Burn Areas

Incident Business Operations

Fire Data Reporting

Risk Management



Next Steps – Business Blueprint

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- MAB concurrence on business functions and activities - **Completed**
- Executive Board concurrence on business functions and activities – **June 2013**
- Completed initial mapping of As Is to business areas
 - Process started involving major program areas to identify redundancies, gaps, and opportunities for short-term savings





Current State Investment

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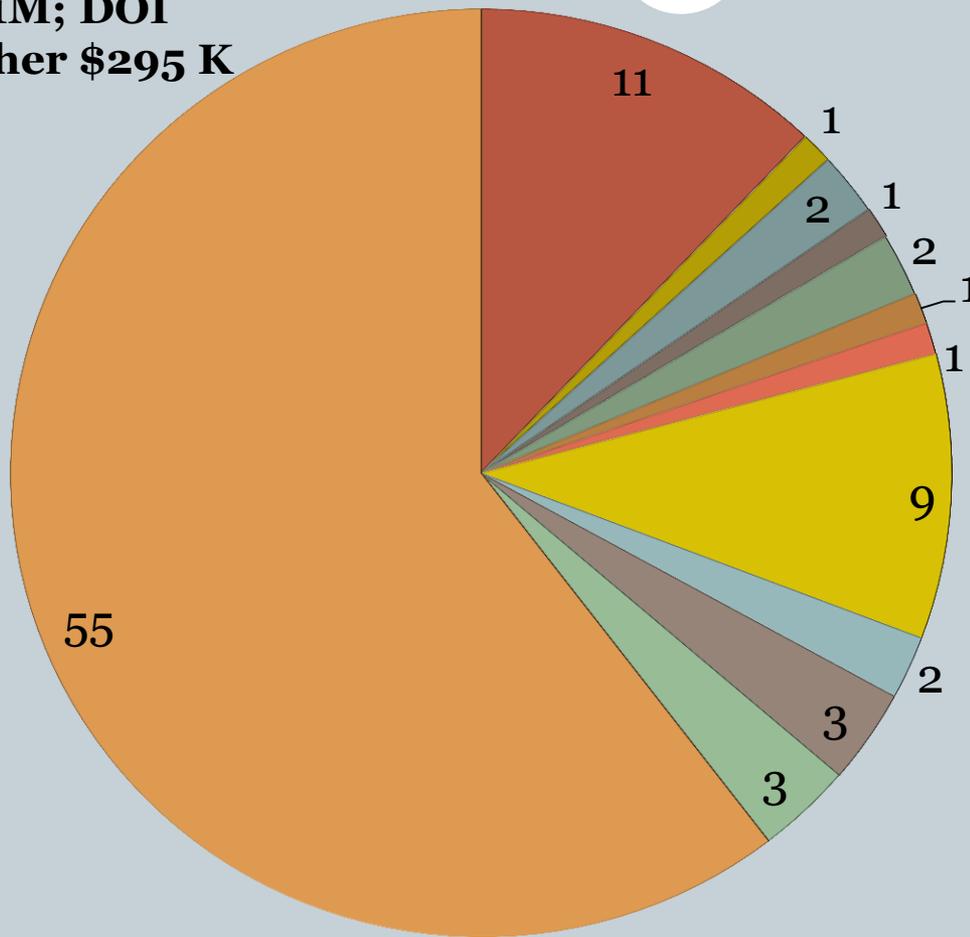
- Draft of portfolio evaluation produced – not validated
- Criteria of performance of portfolio contingent on business priorities



WFIT I&T Investments by Agency FY13 Asked for EB

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**USDA \$31.1M; DOI
\$10.1M; Other \$295 K**



- BLM - 11
- FWS - 1
- NPS - 2
- JFSP - 1
- OWF - 2
- USGS - 1
- DOI - 1
- NWCG - 9
- NOAA - 2
- NWS - 3
- States - 3
- USDA - 49





Near-Term Savings

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- Initial, smart actions that can be taken before completion of the multi-year Roadmap to implement the To Be Architecture
- Process for identifying opportunities for short-term savings were presented to MAB on March 14
- Proposed short-term savings will be ready for May Executive Board meeting





Data Management and Governance

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- Fundamental to our success/approach
- Keith Smith, NASF, Program Board Lead
- Roshelle Pederson, OWF, Project Lead

- Need formal approval of plan to move forward with:
 - Coordinate multiple existing or previous efforts to identify current capabilities and develop GAP analysis:
 - ✦ NWCG Data Standards
 - ✦ NWCG Fire Reporting
 - ✦ NWCG Geospatial
 - ✦ NWCG PMU – Data Architecture
 - ✦ WFIT National CAD





Security Management Plan

Access Management

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- Efficient, effective interconnection and accessibility regardless of organizational affiliation or location – key to our ability to work as a cohesive business community
- Meeting of CIOs and senior business leadership on March 26 – lead by Doug Nash
- Follow up meeting with CIOs hosted by Doug Nash identified possible solution sets to address issues
- ➔ Continued Engagement by CIOs to agree and commit to a process for solving access management remains a critical action item





Approach



- Present - Senior Leadership / Key Technical and Policy Representatives from DOI, USDA, FS / Business Owners
- Review / Revalidate Business Requirements
 - Including Use Cases
 - ✦ Shared Email Needs for Incidents / One Personal Inbox
 - ✦ Travel, Timesheet Approval Regardless of Agency Affiliation of Supervisor/Employee
 - ✦ Access to Shared Files, Drives, Applications, Sharepoint
 - ✦ Interagency Coordinated Software Updates (Google, Chrome, WildCAD)
- Shared Progress to Date (since 5/2009)
- Discussed Status of Active Directory (AD) at USDA , DOI and FS
- Began Solution Alternative Development
 - Cloud, Inter Forest Trust, One Agency Host for Collaborative Sites
- Action Items Assigned for Report Back to Group





Access Management Action Items

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- Internet access to USDA email is needed as part of solution for DOI partner access (being raised to higher level for discussion).
- Group to look to other ways to do things that we've traditionally used email to accomplish? Need to look beyond email as the only solution (social media technologies).
 - Consideration being given that non-Federal cooperator access is essential in all we do. PIV card requirement breaks solution if non-Fed partners do not have method to obtain PIV.
- Resolve inability for FS to obtain DOI mail directory in email address books; maintain bi-directional capability once re-established (DOI / USDA POC identified).





Access Management Path Forward

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- 2nd Workshop Date being Planned (June/July 2013)
 - Action Item Reports
 - Continue Brainstorming Alternatives
- Goal = Summarize Alternatives
 - Level of Effort
 - Timeframe
 - Resource Requirements
 - Pros / Cons
- Recommend Alternative for Management Approval





To Be Blueprint - Objectives

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- ❑ **Objective 1: Service Orientated Architecture**
 - ❑ Standardized I&T support methodologies regarding interoperable software design
- ❑ **Objective 2: Integrated Security Posture**
 - ❑ Single interagency sign on capability
- ❑ **Objective 3: Web User Interface**
 - ❑ Web enabled software applications
- ❑ **Objective 4: Cloud Hosted Architecture**
 - ❑ Cloud capable applications and hosting environments
- ❑ **Objective 5: Data Services and Governance**
 - ❑ Creation of authoritative data sources and data standards
- ❑ **Objective 6: Open Innovation Platform**
 - ❑ Creation of a Cloud Hosted “open” development environment to support innovation efforts and facilitate information exchange





Technical Blueprint & Roadmap

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- Letter for signature needs to be completed – was due in April to EB
- Currently working to establish contract to help prepare transition roadmap
- September 27 EB Meeting: Deliver proposed Roadmap





Five Year Plan Development

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- Individual investment budget sheets have been sent out to account for spend plans in a standard way
- Data collected and consolidated comparing As Is budget to actual investment requirements – Completed for individual services and bureau's



WFIT Current State: Five Year Investment Planning

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Investor	Number of Systems	YTD Investment	FY13	FY14	FY15	FY16	FY17
USDA/FS	55	\$185.5M	\$31.4M	\$35.8M	\$25.8M	\$25.8M	\$25.8M
DOI	17	\$55.4M	\$7.8M	\$8.8M	\$8.8M	\$8.8M	\$9M
Other	15	\$5.7M	\$2.6M	\$859K	\$859K	\$859K	\$859K
Total	87	\$246.6M	\$41.5M	\$45.4M	\$35.5M	\$35.5M	\$35.6M



Next Steps - Capital Planning Process/Interface

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- Need to identify requirements and way ahead
 - Aligning individual processes of departments may be a bridge to far – WFIT to adjust its schedule to accommodate departmental planning cycle
- Need OCIO to help define capital planning business process – especially the development of common interface between WFIT and the two Departments





Operational Capability Issues for Discussion

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- Impact of ongoing DOI Transformation Efforts on I&T support personnel and resources supporting Fire Operations
- Impact of new USDA Forest Service AAR process for approval of I&T projects for contracting actions-current system is not working, monies are being returned to stakeholders unspent because we cannot get actions through cumbersome review process
- Ambiguity of organizational structure slows progress of process and function



Schedule-Next Steps

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- July: MAB to review/approve proposed WFIT LOB I&T Investment Review Board Process
- August: PB to identify and staff approved Working Groups (e.g. Plans, Development, Operations)
- September 27 EB Meeting: Deliver proposed Roadmap



Summary

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- Decisions
- Actions and Follow up
- 2013 EB Meeting schedule
 - July 26
 - September 27
 - Dates TBA: October through December



BACKUP





Process cont'd Technical Evaluation

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Likelihood of Success Criteria		Weight	Score	Comments
Technical Standards	X1	10%		
Skills Capability and Training	X2	10%		
Scope & Complexity	X3	25%		
Business Alignment	X4	22%		
Risk Factors	X5	21%		
Management Capability	X6	12%		
Dimension Total	X	100%		





Process cont'd Business Evaluation

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Business Value Criteria		Weight	Score	Comments
Return on Investment	Y1	10%		
Customer Focus	Y2	10%		
Business Alignment with WLF LOBs	Y3	25%		
Business Benefits	Y4	22%		
Technology Efficiency	Y5	21%		
Work Life Balance	Y6	12%		
Dimension Total	Y	100%		



WLF LOB\I&T Program Alignment Summary

Line of Business	#	Total YTD Funding M\$	Budget Year 2013	Budget Year 2014	Budget Year 2015	Budget Year 2016	Budget Year 2017
Leadership	9	33,333,400	2,836,233	3,326,333	3,226,333	3,326,333	3,226,333
Business Operations	4	5,102,000	4,591,000	7,847,400	6,919,750	6,919,750	6,919,750
Fire Program Management	54	67,748,265	18,152,003	17,640,276	12,114,973	12,143,184	12,206,096
Vegetation Management	14	7,341,067	2,144,233	1,423,167	1,361,833	1,361,833	1,361,833
Operations Management	45	133,067,533	14,071,333	15,176,647	11,836,163	11,780,163	11,775,663

#Denotes number of I&T Portfolio Programs aligned with WLF LOBs

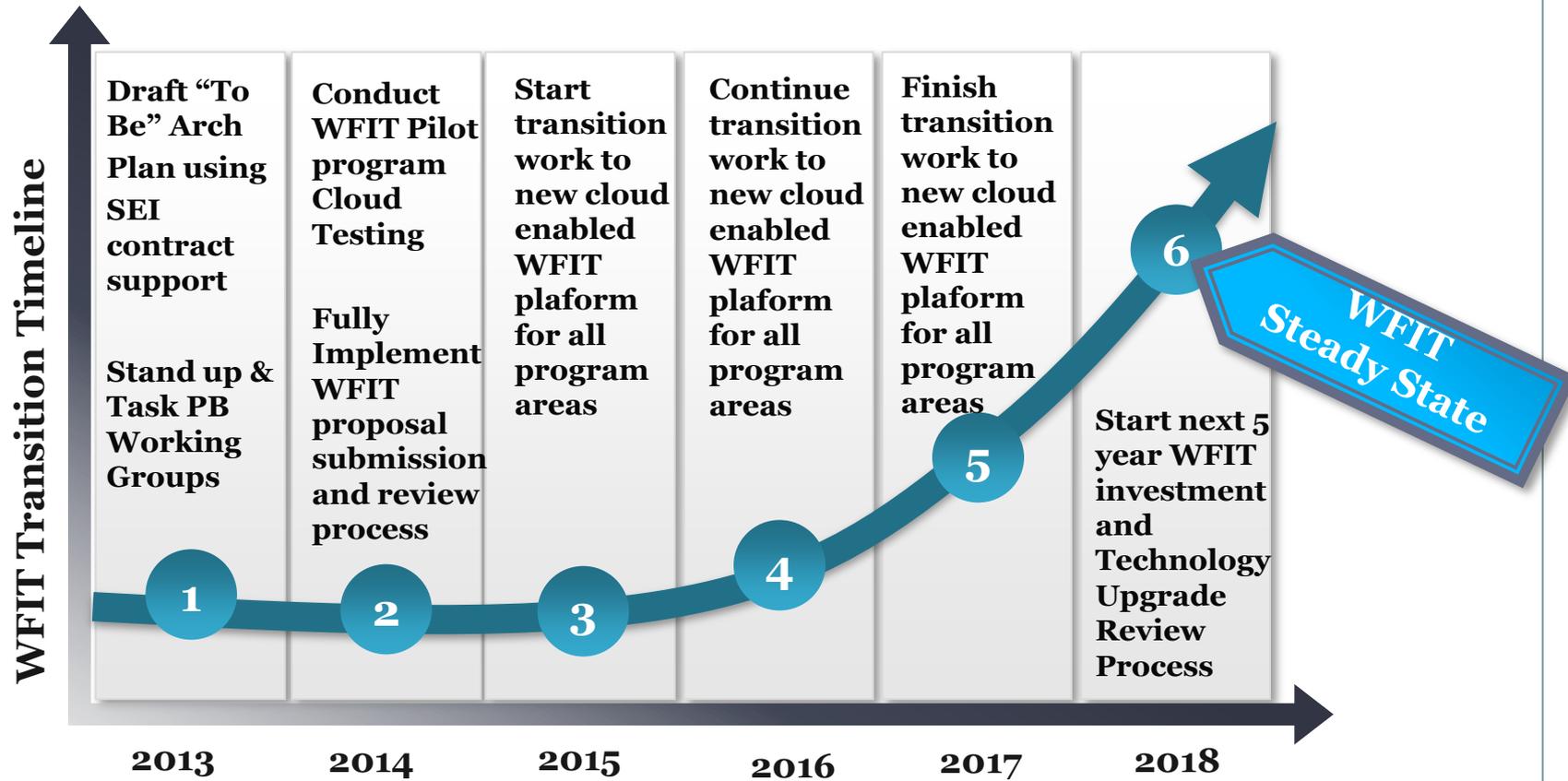
- WFIT I&T programs may support more than one LOB area. Those alignments are reflected in the figures above.



WFIT I&T Roadmap

Transition plan to reach our envisioned To Be architecture

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Your Logo