

# Project Management Update

Bob Raines

*Director, Project Management  
Systems and Assessments*

**2010** Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"*

- My “Summer Vacation”
- The New SAE
- Metrics
- EVMS
- PARS II



# Agenda

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"*

- Opportunity to Experience Program Perspective
- Assess Policy Impacts
  - Establishing Baselines
  - EVMS
  - Risk Mgmnt
  - Change Control
  - Staffing
- Implemented Peer Reviews
- Replicate with Other Programs and Staff

EM-10 DAS  
Project Mgmnt

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* <sup>3</sup>

- Project Mgmt Principles Published March 4, 2010
  - Reaffirms the RCA/CAP with added emphasis
  - Improve project results going forward
- QPR's More Focused and Interactive
  - FPD/Contractor Involvement –VTC
  - Detailed pre-briefs and read aheads
  - Get to Green Plans
  - Action Items out in 24-48 hours
- Post QPR “Deep Dives”
- Full Team Effort
  - Programs, Staff Orgs, EFCOG, NLDC

SAE Expectations

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"*

## Salt Waste Processing Facility (SWPF)

Carmelo Melendez, Acting Deputy Assistant Secretary for Project Management, EM-10

Site	Savannah River Site			Y	
CD-3	DEC 08	% Complete	37%	SPI	0.84
TPC	\$1.339B	CD-4 Date	OCT 2015	CPI	0.93

### Mission, Status and Issues

**MISSION:** Process 7.3 Mgal/yr of radioactive liquid waste to close 49 storage tanks

**BUDGET STATUS:** FY10 funded IAW approved baseline profile

**UPDATED PROJECT STATUS:** Wall construction to elevation 116' is 77% complete

- Construction & Quality Control recovery plan underway
- To date, project has utilized approximately 14% of schedule contingency and 10% of cost contingency. Early finish date is currently 8/2013.
- Facility physical construction is 18% complete

**CONTRACT STATUS and ISSUE:**

- Aggressive actions underway to align project baseline and contract

**GET TO GREEN:** Achieve four month upwards trending EV data exceeding 0.90 in CPI and SPI by Jun 2010

Completion Date Estimates			Total Project Cost			Management Reserve		Contingency	
Original	Approved	Forecast	Original	Approved	Forecast	% Usage	Est. Date Depleted	% Usage	Est. Date Depleted
Nov 2013	Oct 2015	Oct 2015	\$900M	\$1.339B	\$1.339B	10%	Oct 2015	1%	Oct 2015

# SAE QPR

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge"

## Salt Waste Processing Facility (SWPF)

Carmelo Melendez, Acting Deputy Assistant Secretary for Project Management, EM-10

### Get To Green Plan

Action Item	Planned Start Date	Actual Start Date	Planned Completion Date	Actual Completion Date	Status
Verification of fidelity & accuracy of EV data recorded and accrued	10/19/09	10/19/09	10/19/09	10/19/09	Complete
Four months of accurate and upwards trending EV data exceeding 0.90 in indexes	10/01/09	10/01/09	06/30/10	TBD	Ongoing
Completion of walls to elevation 116'	6/22/09	6/22/09	02/28/10	TBD	On schedule
Conformance of contract modification incorporating SAE CD-3/BCP	8/28/09	8/28/09	TBD	TBD	Ongoing. Contractor to submit additional REA-2 supporting documentation

SAE QPR

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge"

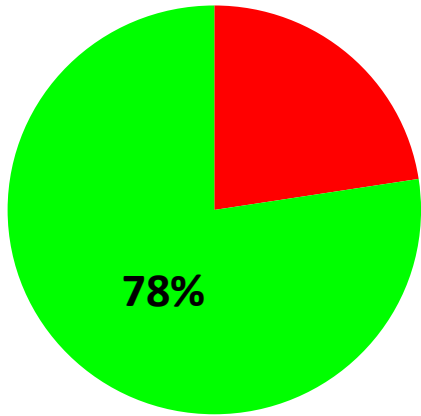
- You Get What You Measure
- Organizational Alignment
- Highlight Focus Areas
- Acceptance and Implementation
- Implement Change
- Demonstrate Progress

Metrics Refresh

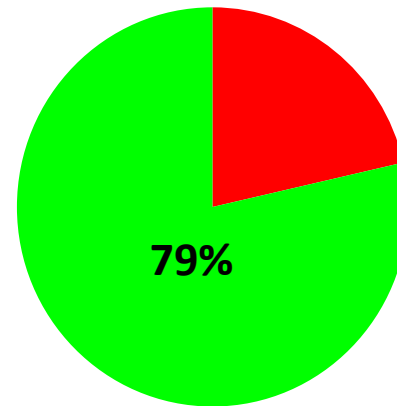
2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



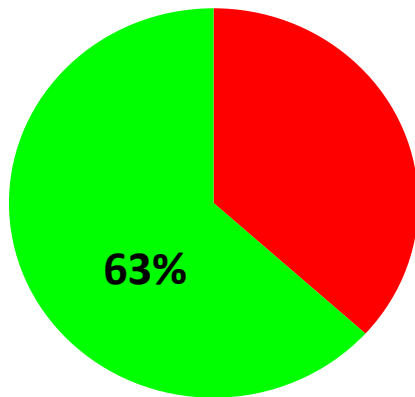
*"Meeting  
The  
Challenge"* <sup>7</sup>



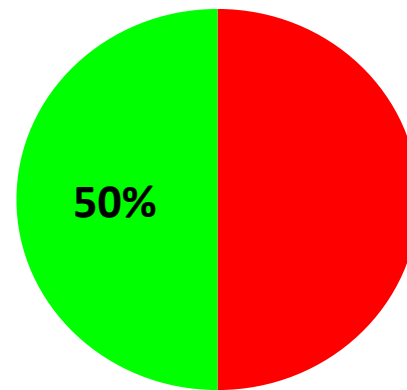
<\$50M



\$50M - \$100M



\$100M - \$750M



>\$750M

# Size vs. Success

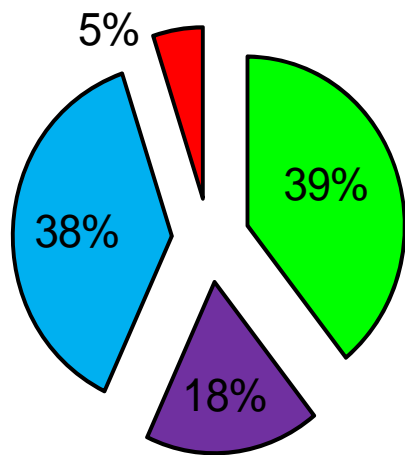
## Post CD-2 Active CA Portfolio

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA

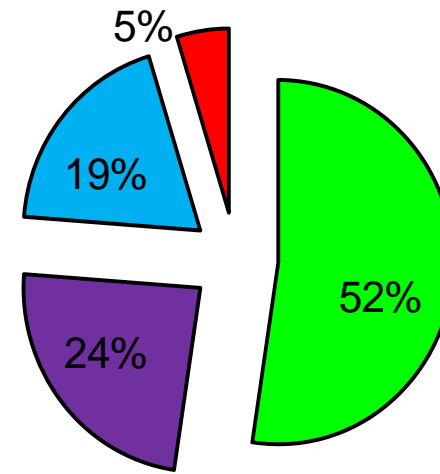


*"Meeting  
The  
Challenge"*

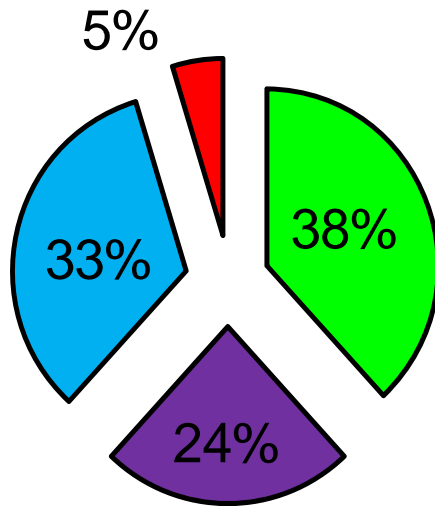




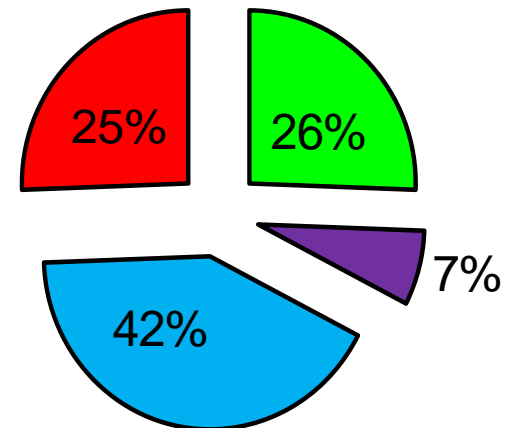
DOE



SC



NNSA



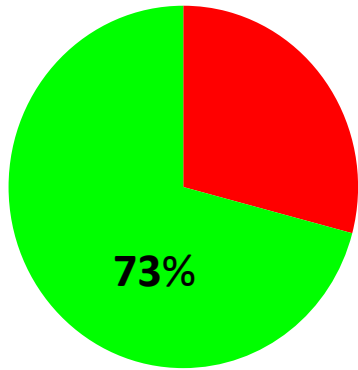
EM

# Post CD-2 Active Project Portfolio by \$

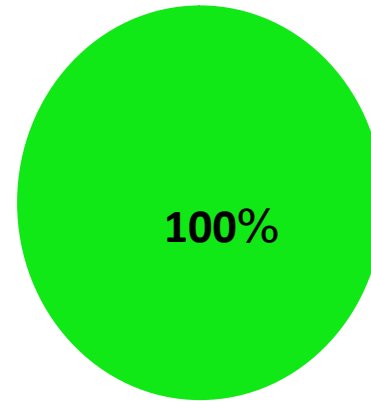
2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



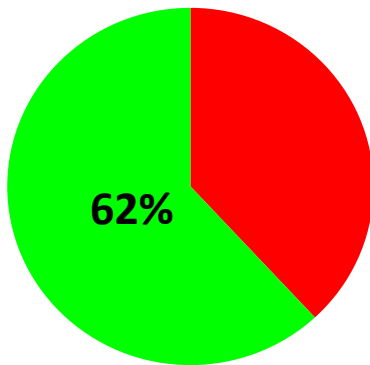
*"Meeting  
The  
Challenge"*



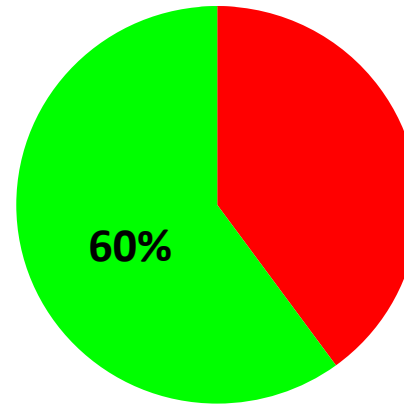
**DOE**



**SC**



**NNSA**



**EM**

# Post CD-2 Active Capital Asset Portfolio

**2010** Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* <sup>10</sup>

- Program Actions
  - EM Portfolio Restructuring
  - NNSA Major Systems Restructuring
    - UPF
    - PDCF
    - CMRR
- SC Restraining LCLS Cost Growth to 10%, not the 11% Authorized
- Incorporate Other CAP Best Practices/S-2 Principles
  - Design Maturity
  - PDRI/TRA
  - FPD Certification and Growth
  - Funding Stability
- Measure In Process Progress

Results

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting <sup>11</sup>  
The  
Challenge"*

	FY	Goal	Actual Overall	SC	NNSA	EM	Other
<b>PRE-RCA</b>	10	85%	67% (26/39)	91% (10/11)	62% (13/21)	50% (3/6)	0% (0/1)
	11	95%	70% (23/33)	100% (10/10)	67% (10/15)	43% (3/7)	0% (0/1)
<b>POST-RCA</b>	10	85%	100% (6/6)	100% (1/1)	100% (1/1)	100%* (2/2)*	100% (2/2)
	11	90%	100% (10/10)	100% (4/4)	100% (1/1)	100%* (2/2)*	100% (3/3)

\* Awaiting ARRA Input

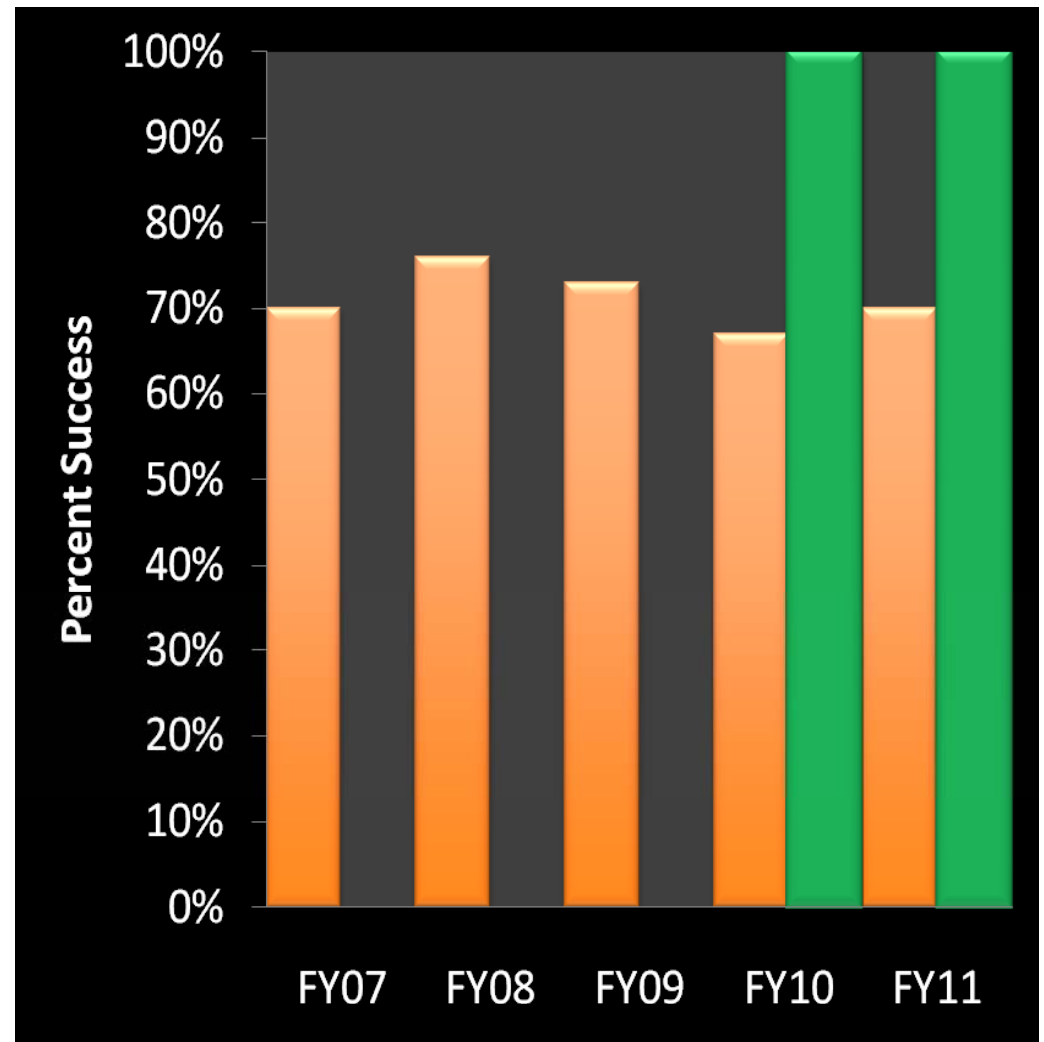
# Implementing Change A Powerful Argument

**2010** Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge"<sup>12</sup>

- 16 Projects Baselined Using RCA Principles Finishing in FY10/11
- Projecting 100% Success
- Positive Trend Attributed to:
  - Program Focus
  - Better Baselines
  - Lessons Learned
- Opportunity to Recover Some Pre-RCA Projects



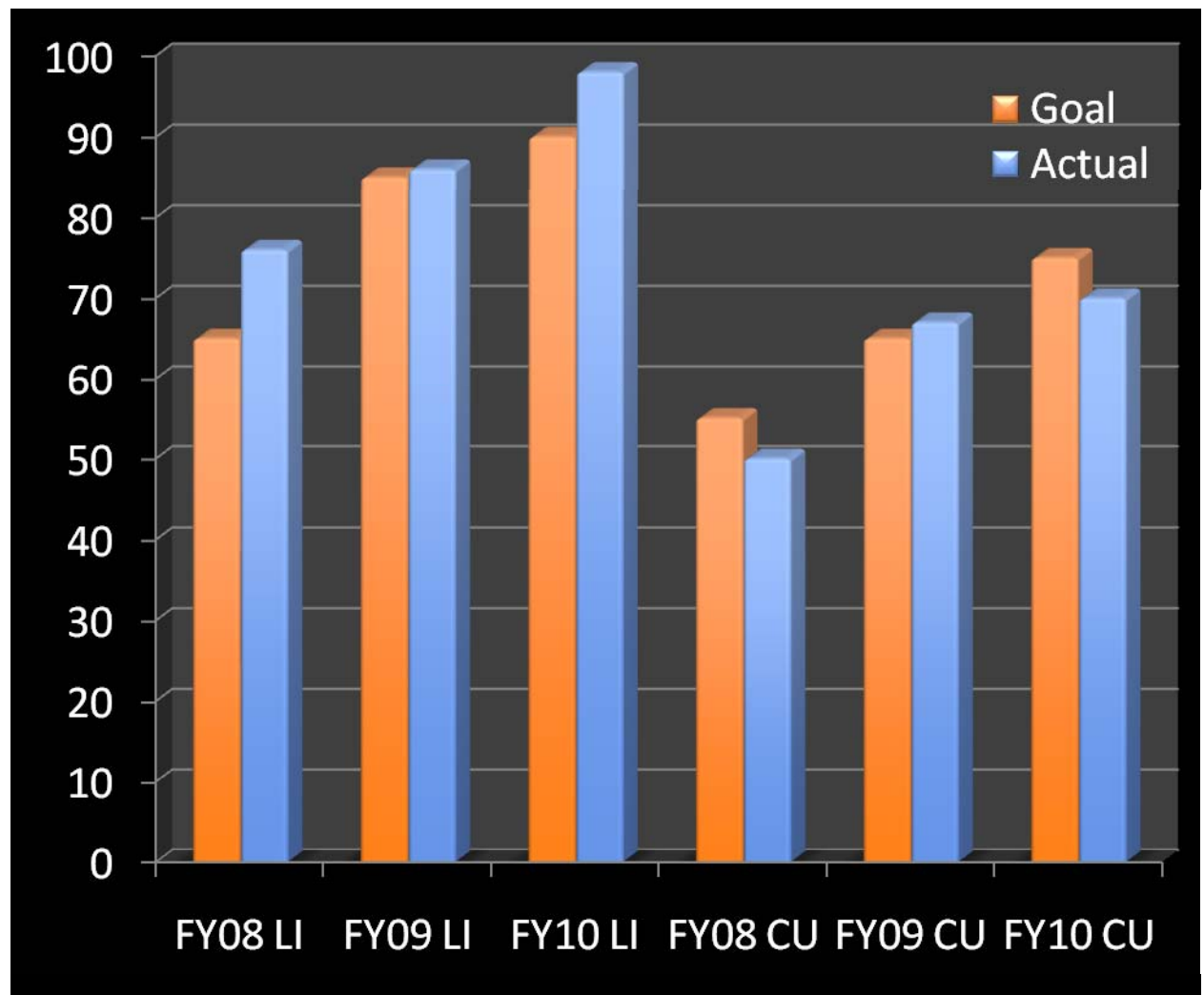
Implementing Change  
A Powerful Argument

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* <sup>13</sup>

- Urgency Established
- Metrics
  - Annual Plan Published
  - Leadership Support
  - Will Exceed FY 10 Goals
- Cycle Time Improved
  - FY 06: 19 Months
  - FY 07: 10 Months
  - FY 08: 9 Months
  - FY 09: 8 Months



# EVMS: A Success Story

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* <sup>14</sup>

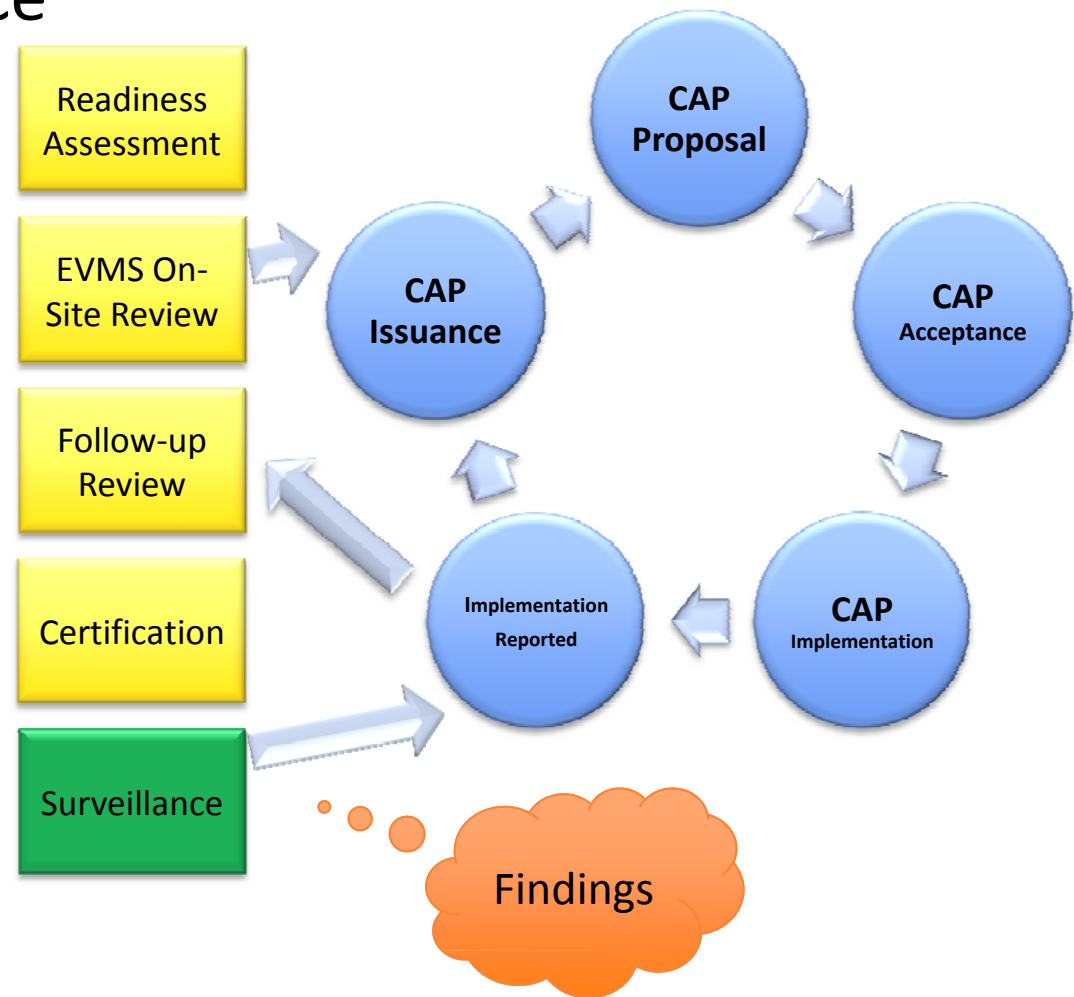
- Next Phase: Surveillance

- Understanding Data
- Excessive reliance on indices
- Risk Mgmt and Change Control
- FPD/1102 Follow-up
- BWXT at Y-12: A “Best Practice”

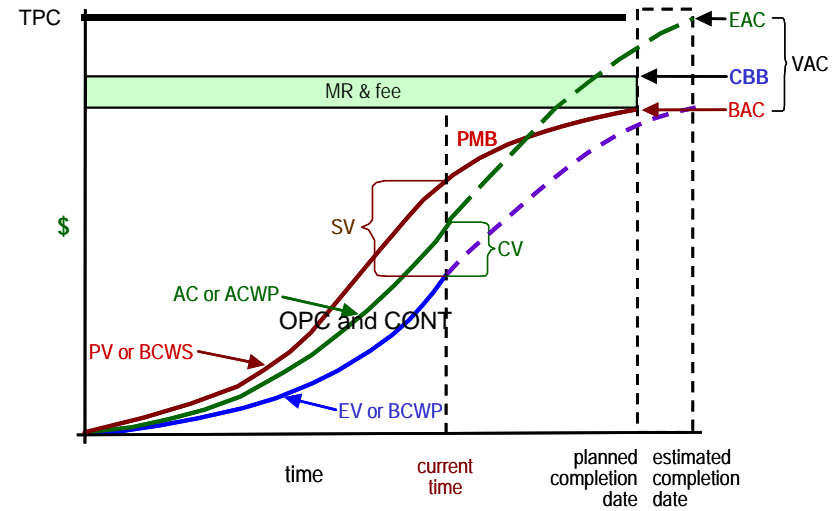
- EFCOG/NLDC Support

- Agree it’s a Best Practice
- Use on below threshold projects
- Exploring Staff Certification

- First Corp. Cert. Pending



Certifications		
SC	FRA	Jan 2010
EM	SRNS	Feb 2010
EERE	Alliance	Feb 2010
EM	WGI	Feb 2010
EM	SRR	Apr 2010
NNSA/EM	LLNS	Aug 2010
SC	UCANL	Aug 2010



Surveillances		
NNSA	BWXT (Y-12)	Feb 2010
EM	TBC (ETEC)	Apr 2010
NNSA	SAMS (MOX)	May 2010
EM	PI&TG	May 2010
NNSA	B&W (Pantex)	Jun 2010
EM	WCH (RRCP)	Apr 2010
EM	BNI (WTP)	July 2010

Green = Completed

# Upcoming FY10 EVMS Reviews

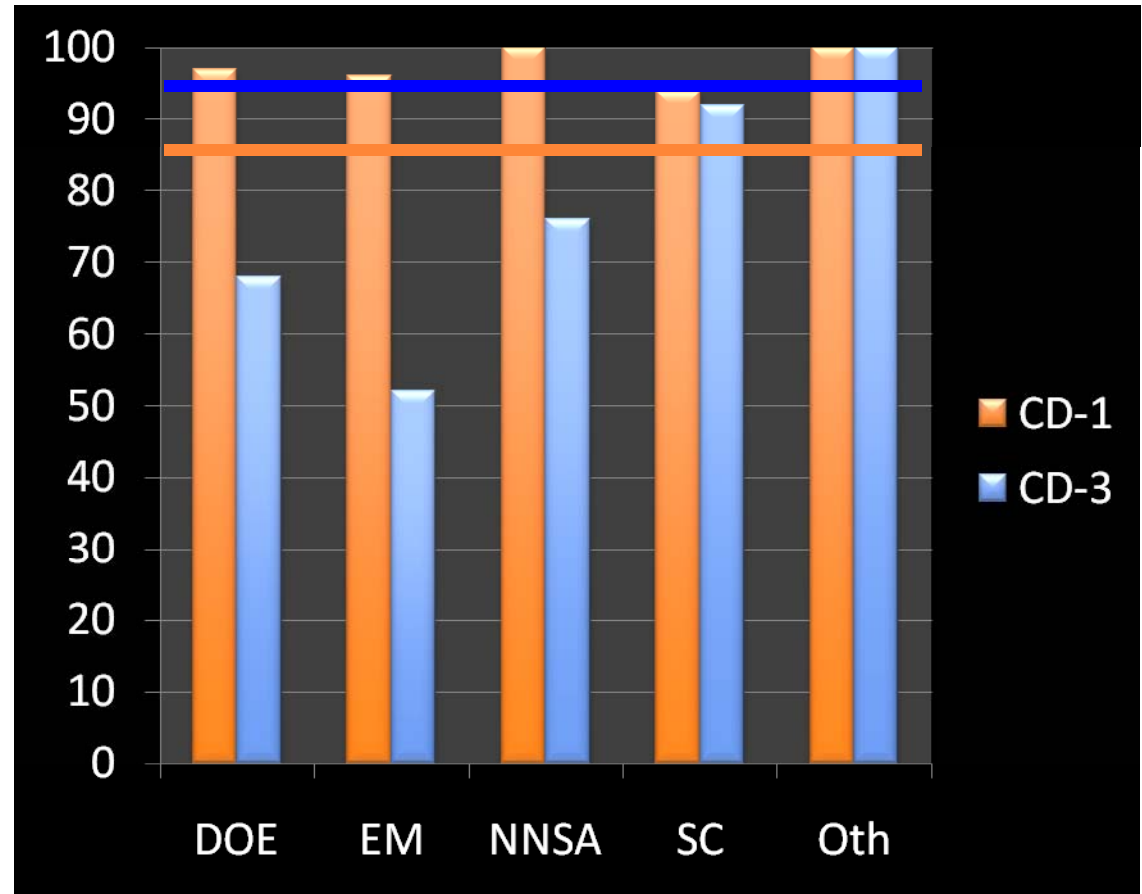
**2010** Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge"  
16



- FPD Critical Link to Success
- More than a number
  - Professional Development
  - Competencies
  - Leadership by example
- Key in Validation for Larger Projects
- GAO: Capacity/Staffing Issue
- Must Develop FPD's
  - Personal Commitment and Program Support



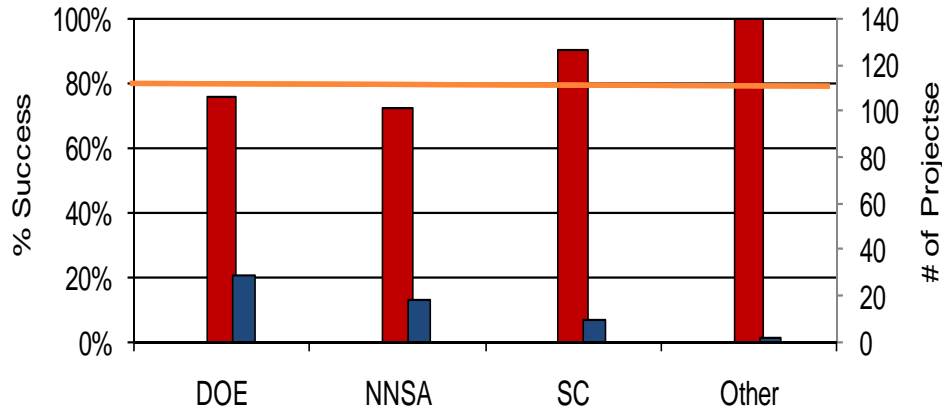
# FPD Certification

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA

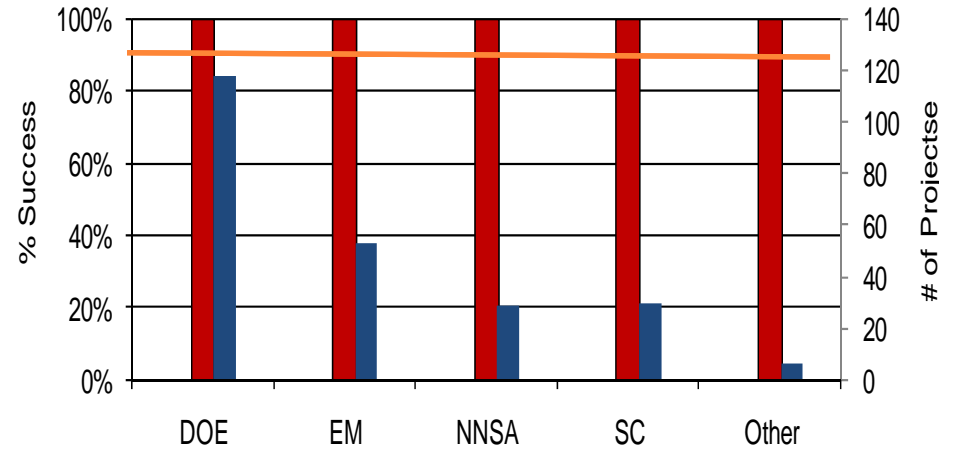


*"Meeting <sup>17</sup>  
The  
Challenge"*

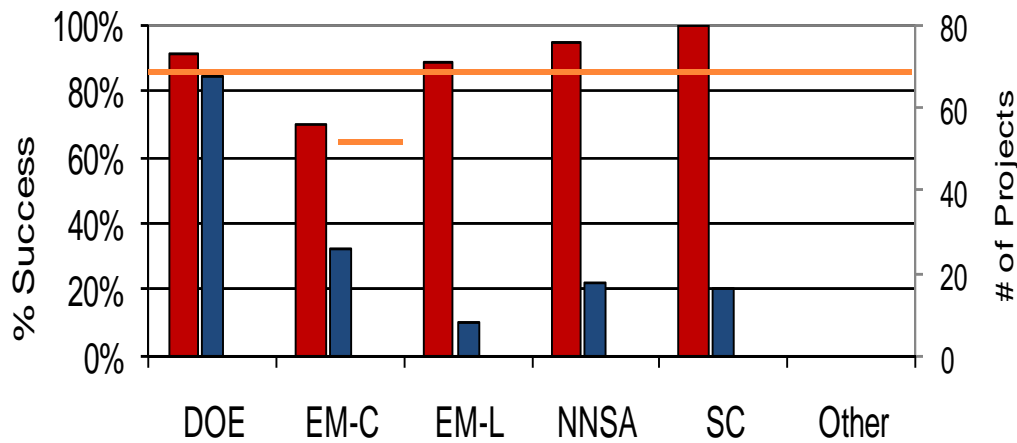
### Line Item Success: FY 07-09



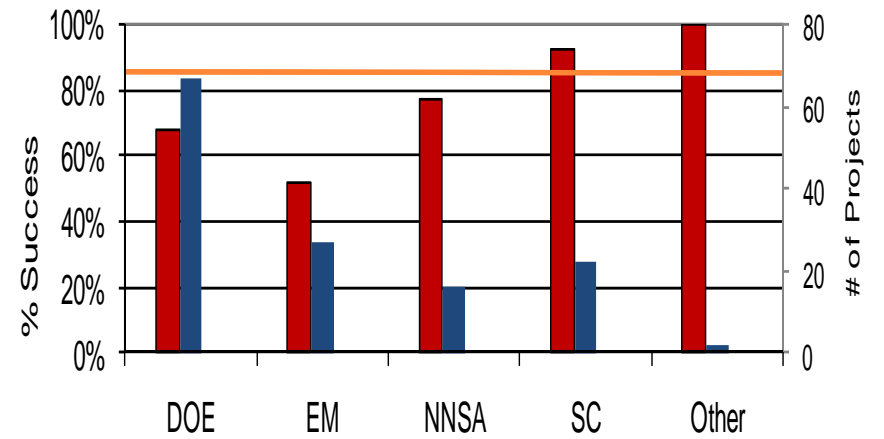
### Certified FPDs CD-1



### EVMS Certifications



### Certified FPDs CD-3



# Metrics FY 09 Results

**2010** Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* 18

Performance Metrics	FY 08 Target	FY 09 Target	FY 10 Target	FY 11 Target	FY 12 Target
<b>Capital Asset Line Item Projects:</b> Complete Original scope baseline within 10% of Original CD-2 cost baseline	75%	80%	85%	90%	90%
<b>EM Cleanup Projects:</b> <i>Complete Original scope baseline within 10% of Original CD-2 cost baseline</i>	NA	NA	70%	80%	90%
<b>Certified EVMS:</b> For projects post CD-3: Utilize OECM certified EVMS systems for projects over \$50 M, and Contractor self certified systems for projects between \$20 M and \$50 M	65% LI 55% EMC	85% LI 65% EMC	90% LI 75% EMC	95% LI 85% EMC	95% LI 95% EMC

# Metrics What's New

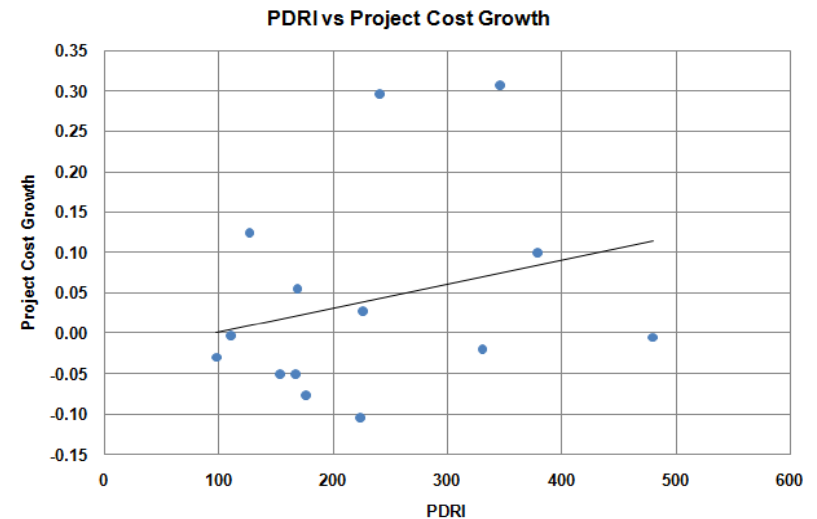
2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



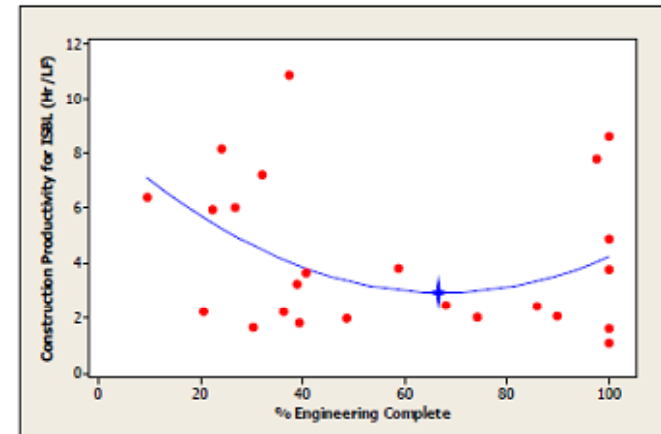
"Meeting <sup>19</sup>  
The  
Challenge"

- Elimination of Two Low Value Metrics
  - FPD and Contract Specialist FTE/\$ Value
  - Considered Redundant with overall staffing
- Elimination of Stand Alone EM Clean-up Metrics
  - Ops/Capital Asset split
  - Fully incorporated by FY-12
- LEED/Sustainability
- Predictive Analysis Metrics

## PDRI vs. Cost Growth



## Productivity Measures Analyzing CII Productivity Measures



# What's Next

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting <sup>20</sup>  
The  
Challenge"

- PARS I Dept Wide Project Management Tool – 2001
- The Deficiencies
  - Inaccurate
  - Not Timely
  - No Schedule Information
  - Insufficient Detail
  - Cumbersome
- PARS II Replacement Decision Made – Dept Wide Team
  - Dekker COTS Tool selected – 2008
- Goal is a Value Added Solution for Field and HQ Use

PARS II Refresh

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting <sup>21</sup>  
The  
Challenge"*

- Piloted Desktop Version at Several EM Sites
  - Data Extraction Tools Developed
- Web Based User Acceptance Testing Underway
- I Have Test Driven
  - Fast -- Scalable Detail
  - Intuitive -- Transparent
  - Interactive -- Fun
- Minimal Site or Program Office Data Entry
- S-2 Accelerated Deployment – Sept 2010

PARS II

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting <sup>22</sup>  
The  
Challenge"*

- Skepticism - Fear of the Unknown

- Data Provided at Control Account Level – FPD/Program can opt for more
- FPD Authorizes Upload
- OECM Funding Extraction Tool

WTP FPD Last Year: *"I don't see the need for this tool. I have or can get all of the information I need."*

After 6 Months Use: *"It allows me and my staff to perform more detailed reviews in a shorter period of time. Analyses are done that could not be performed without a large dedication of staff time. We use it for internal and external reviews of project performance."*

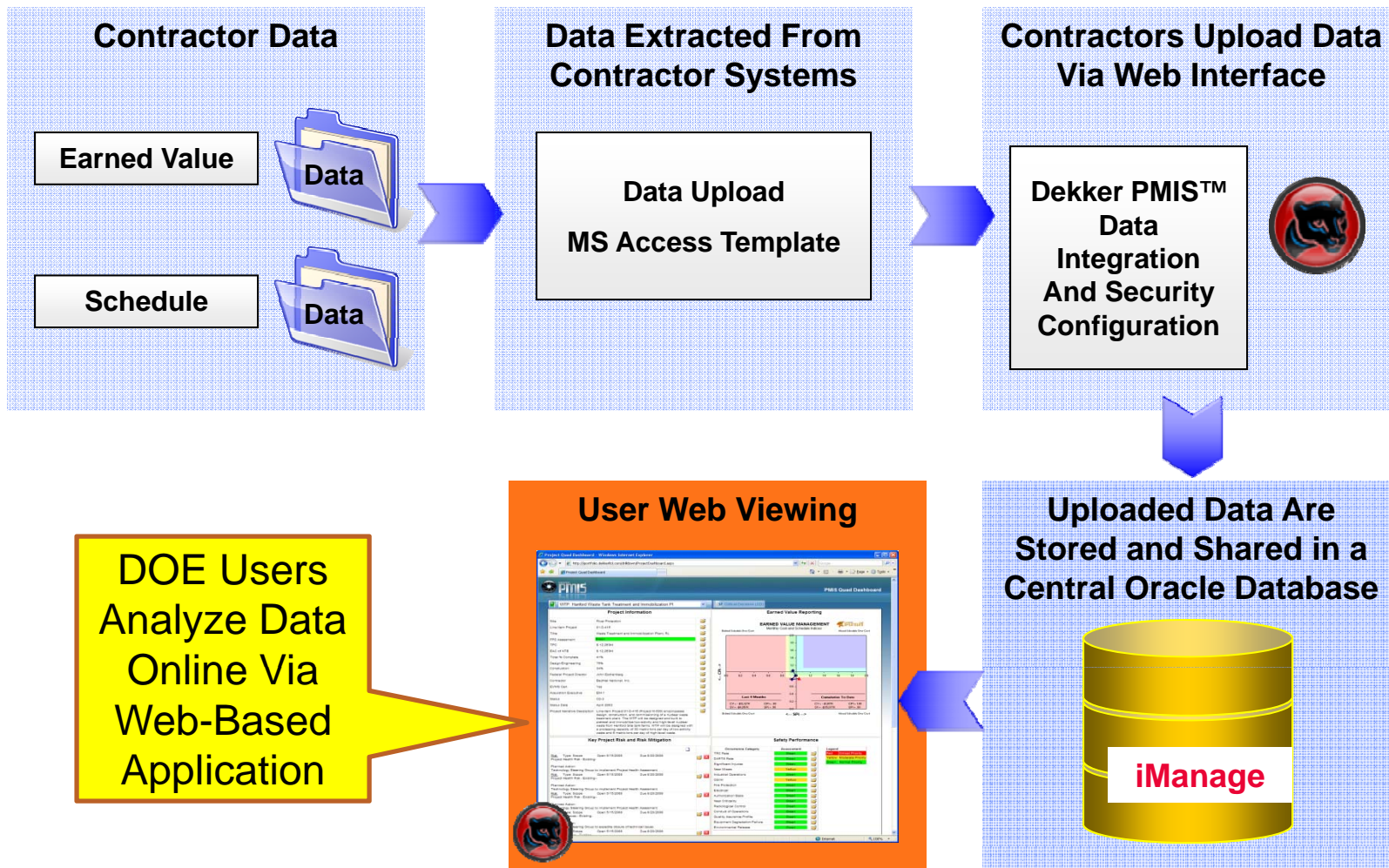
- Confident You'll Feel the Same.

PARS II

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting <sup>23</sup>  
The  
Challenge"



# PARS II Architecture

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* 24



U.S. DEPARTMENT OF ENERGY  
**PARS II**

Selected Project: 000165 - Downblend of U-233 in Building 3019    Status Date: 11/18/2009    CPP Data As-Of Date: 5/22/2009    Current CD: CD3  
 Current User: MLANDRY    Logout

**Project Upload**

Submit | Save | Cancel | Reports

Process	Data Type	Format	File	Status
Overwrite	EV CPR	ANSIX12	<input type="text"/> Browse...	
None	Complete Project	Access	U233_OR_MAY09_DPMIS091029 Complete Project	Warnings

Baseline Name:

Submitted By:     Submitted Date:

Status Date:     Disposition:

**Data Entry (3 Fields)**

ALL REPORTS  
 ADMINISTRATION  
 HELP

# Contractor Input

**2010** Department of Energy  
 Project Management Workshop  
 March 9 - 10, 2010, Alexandria, VA



*"Meeting  
 The  
 Challenge"* <sup>25</sup>

U.S. DEPARTMENT OF ENERGY  
**PARS II**

Selected Project: 000165 - Downblend of U-233 in Building 3019    Status Date: 11/18/2009    CPP Data As-Of Date: 5/22/2009    Current CD: CD3  
 Current User: MLANDRY    Logout

Projects

OVERSIGHT & ASSESSMENT

- Capital Programs
- Projects
- Critical Decisions
- BCPs
- Monthly Status
- Budget/Funding
- KPPs
- Project Overview
- All Attachments

PROJECT PERFORMANCE

ALL REPORTS

ADMINISTRATION

HELP

Find | Add | Edit | Remove | View | Attachments | Reports | Save Configuration

To add a Project: Select Level 1, Select Level 2, Select Level 3, Then click the ADD button.

Select a Level 1 Program: EM - Office of Environmental Management  
 Select a Level 2 Program Office: EM-12 - Office of Disposal Operations  
 Select a Level 3 Capital Asset Program: Line-Item - These Capital Programs are line-item

PARS Project ID	DOE Project Number	Project Acronym	Project Name	CD0 Date
000396	OR-0013Y	OR-0013Y	Downblend of U-233 in Building 3019	02/01/2010
000428	OR-0013Y	OR-0013Y	Downblend of U-233 in Building 3019	02/03/2010
000342	OR-0013Y	OR-0013Y	Downblend of U-233 in Building 3019	01/26/2010
000210			Downblend of U-288 - Building 876	12/15/2009
000429			Downblend of U-288 - Building 678	02/03/2010
000211			Downblend of U-288 - Building 876	12/15/2009
000189			Downblend of U-288 - Building 876	12/14/2009
000256	OR-0013Y	OR-0013Y	Downblend of U - 288 - Building 876	01/12/2010
000450	or-0013y	or-0013y	Downblend of U 288 - Building 876	02/09/2010
000215	OR-00137	OR-xx	Downblend of U-238 xxx building	12/15/2009

The project you're working on

The list of projects relevant to your role.

# Select a Project

2010 Department of Energy  
 Project Management Workshop  
 March 9 - 10, 2010, Alexandria, VA



"Meeting <sup>26</sup>  
 The  
 Challenge"

U.S. DEPARTMENT OF ENERGY  
**PARS II**

Selected Project: 000165 - Downblend of U-233 in Building 3019    Status Date: 11/18/2009    CPP Data As-Of Date: 5/22/2009    Current CD: CD3  
 Current User: MLANDRY    Logout

Monthly Status

Edit | Save | Cancel | Attachments | Reports

Select Monthly Status Type:  
 FPD - Monthly Status - FPD    FPD: Gary Riner    Certification: Level 4

Monthly Status Detail:

Forecast For TPC: 447,000,000

Forecast Completion: 12/12/2012

Has the CPP data been reviewed?

Is the OA data current?

Assessment Narrative: The project is has experienced some technical issues in the field, and therefore will be slightly over budget and behind schedule.

Assessment RYG: **Yellow**

Program Assessment RYG: **Yellow**

OECM Assessment RYG: **Yellow**

Month/Year To Achieve Green: 4/2010

Corrective Action Narrative: In order to achieve green status, the FPD and contractor will investigate alternative technologies to accomplish the defined scope on time and within budget.

Cost Contingency Used: 23,000

Cost Contingency Remaining: 49,977,000

Schedule Contingency Used: 30

Schedule Contingency Remaining: 335

Profit Fee Used: 40,000

Profit Fee Remaining: 2,960,000

Updated By: MLANDRY

Updated Date: 3/4/2010 9:03:44 PM

**Data Entry  
 (9 Fields, 11  
 if not green)**

# FPD Monthly Input

2010 Department of Energy  
 Project Management Workshop  
 March 9 - 10, 2010, Alexandria, VA



"Meeting <sup>27</sup>  
 The  
 Challenge"

Monthly Status

OVERSIGHT & ASSESSMENT

- Capital Programs
- Projects
- Critical Decisions
- BCPs
- Monthly Status
- Budget/Funding
- KPPs
- Project Overview
- All Attachments

PROJECT PERFORMANCE

ALL REPORTS

ADMINISTRATION

HELP

Edit | Save | Cancel | Attachments | Reports

Select Monthly Status Type:  
 Program - Monthly Status - Program FPD: Gary Riner Certification: Level 4

Monthly Status Detail:

PORYG Assessment **Yellow**

FPD Assessment RYG **Yellow**

OECM Assessment RYG **Yellow**

Month/Year To Achieve Green 4/2010

Forecast For TPC 447,000,000

Forecast CD4 Completion 12/12/2013

Is the OA data current?

PO Status Assessment Narrative  
 The Program agrees with the FPD assessment that the project will be slightly over budget and behind schedule based on technical issues encountered in the field.

Updated By MLANDRY  
 Updated Date 3/4/2010 9:04:15 PM

**Data Entry  
(5 Fields, 6 if not green)**

# PMSO's Monthly Input

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting <sup>28</sup>  
The  
Challenge"

Monthly Status

OVERSIGHT & ASSESSMENT

- Capital Programs
- Projects
- Critical Decisions
- BCPs
- Monthly Status
- Budget/Funding
- KPPs
- Project Overview
- All Attachments

PROJECT PERFORMANCE

ALL REPORTS

ADMINISTRATION

HELP

Edit | Save | Cancel | Attachments | Reports

Select Monthly Status Type:

OECD - Monthly Status - OECD FPD: Gary Riner Certification: Level 4

Monthly Status Detail:

Assessment RYG **Yellow**

FPD Assessment RYG **Yellow**

Program Assessment RYG **Yellow**

Month/Year To Achieve Green 04/2010

Forecast For TPC 447,000,000

Forecast CD4 Completion 3/21/2013

Overall Assessment Narrative  
There are technical issues involved in completing this project on time and on budget.

Analysts Detailed Comments  
OECD agrees with the FPD and Program assessments for this project.

Updated By MLANDRY  
Updated Date 3/4/2010 9:00:13 PM

Data Entry  
(5 Fields, 6 if not green)


# OECD Monthly Input

DEC1387487100304 Bob Raines PARS II Project Overview Report.xls [Compatibility Mode] - Microsoft Excel

Home Insert Page Layout Formulas Data Review View Add-Ins Acrobat

Clipboard Font Alignment Number Styles Cells Editing

Report Date: 3/4/2010 22:24  
Project: 000165  
Status Date: 11/18/2009



### Project Overview

#### Project Attributes

Project ID	DOE Project Number	Project Name	Program	Program Office	Capital Program	Project Type 1	Project Type 2	Project On Hold	Project of Special Interest	FPD Name	Contractor Name
000165	OR-00112	Downblend of U-233 in Building 3019	EM	EM-20	November 19 PARS II Demo to OEMC	1 - Facility Construction	2 - Non-Nuclear	No	No	Gary Riner	Iggy Vandershmelt

Site Code	Program Office POC	OECM Analyst	Current Status	Project Activity Status	Current CD	Current BCP	OECM Assessment	OECM MioYr. to Achieve Green	OECM Forecast TPC	OECM Forecast CD4 Date
Oak Ridge	John Doe	James Smith	11/18/2009	Active	CD3	Rebaseline 1	Yellow	04/2010	\$447,000	3/21/2013

Percent Complete	TPC	CPi	SPi	CD4 Date	DOE Cost Contingency Remaining	DOE Schedule Contingency Remaining	Contractor MR Remaining	Contractor Profit/Fee Remaining	PMB	Non-Contract Costs
26.60%	\$439,086	1.00	0.98	9/30/2020	\$50,000	365	\$2,000	\$3,000	\$379,086	\$5,000

#### Critical Decisions

	Date (P)	Date (A)	TPC LOW	TPC Hight	CD4 Low	CD4 High
CD0	11/3/2006	11/3/2006		\$439,086		12/31/2012
CD1	11/3/2006	11/3/2006		\$439,086		12/12/2012

	Date (P)	Date (A)	TPC Approved	CD4 Approved Date	Original DOE Cost Contingency	Original DOE Schedule Contingency	Original Contractor MR	Original Contractor Profit/Fee	Non-Contractor Costs	PMB
CD2	5/25/2007	5/25/2007	\$439,086	9/30/2020	\$50,000	365	\$2,000	\$3,000	\$5,000	\$379,086

	Date (P)	Date (A)	Approved Scope	Approved Cost
CD3A	5/25/2007		Plans for	\$2,500.00

REPORT SETTINGS

Ready

# OECM Project Build

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge" 30

PMIS CPR Dashboard - Windows Internet Explorer

http://iportfolio.dekkerltd.com/drilldown/CPR.aspx?ELMType=WBS&ProjectID=WTP&Status=&Elmnum=

Dashboard

Current Project

Status Period

WBS / OBS

WBS DDR

Activity DDR

Drilldown Reports

Project: WTP 2/24/2008 WBS

WBS Number	Description	Incremental					Cumulative					At Complete		
		BCWS	BCWP	Actual	SV	CV	BCWS	BCWP	Actual	SV	CV	BAC	EAC	VAC
1.01	Pretreatment Facility	22,023	20,740	12,875	-1,283	7,865	721,040	709,813	694,258	-11,227	15,555	2,011,260	2,039,231	-27,971
1.02	Low Activity Waste Facility	6,973	8,109	8,976	1,136	-867	445,175	437,945	461,276	-7,230	-23,331	703,283	753,826	-50,543
1.03	High Level Waste Facility	6,418	6,029	6,155	-389	-126	468,860	468,860	468,860	0	0	1,207,826	1,221,383	-13,557
1.05	Balance of Facilities	1,817	1,144	1,407	-673	-263	189,078	184,995	184,653	-4,083	342	444,623	454,175	-9,552
1.06	Analytical Laboratory				177	-864	98,865	97,244	105,557	-1,621	-8,313	287,160	302,322	-15,162
1.08	Plant Wide EPCC	32,297	29,546	31,999	-2,751	-2,453	1,512,494	1,502,141	1,510,724	-10,353	-8,583	3,514,266	3,535,767	-21,501
1.90	Shared Services	10,063	10,063	10,693		-630	557,181	557,181	550,463		6,718	1,226,067	1,226,632	-565
Totals:		81,218	77,435	74,773	-3,783	2,662	3,992,693	3,957,617	3,959,448	-35,076	-1,831	9,394,485	9,533,336	-138,851

Drilldown Links

Threshold Setup

Internet 100%

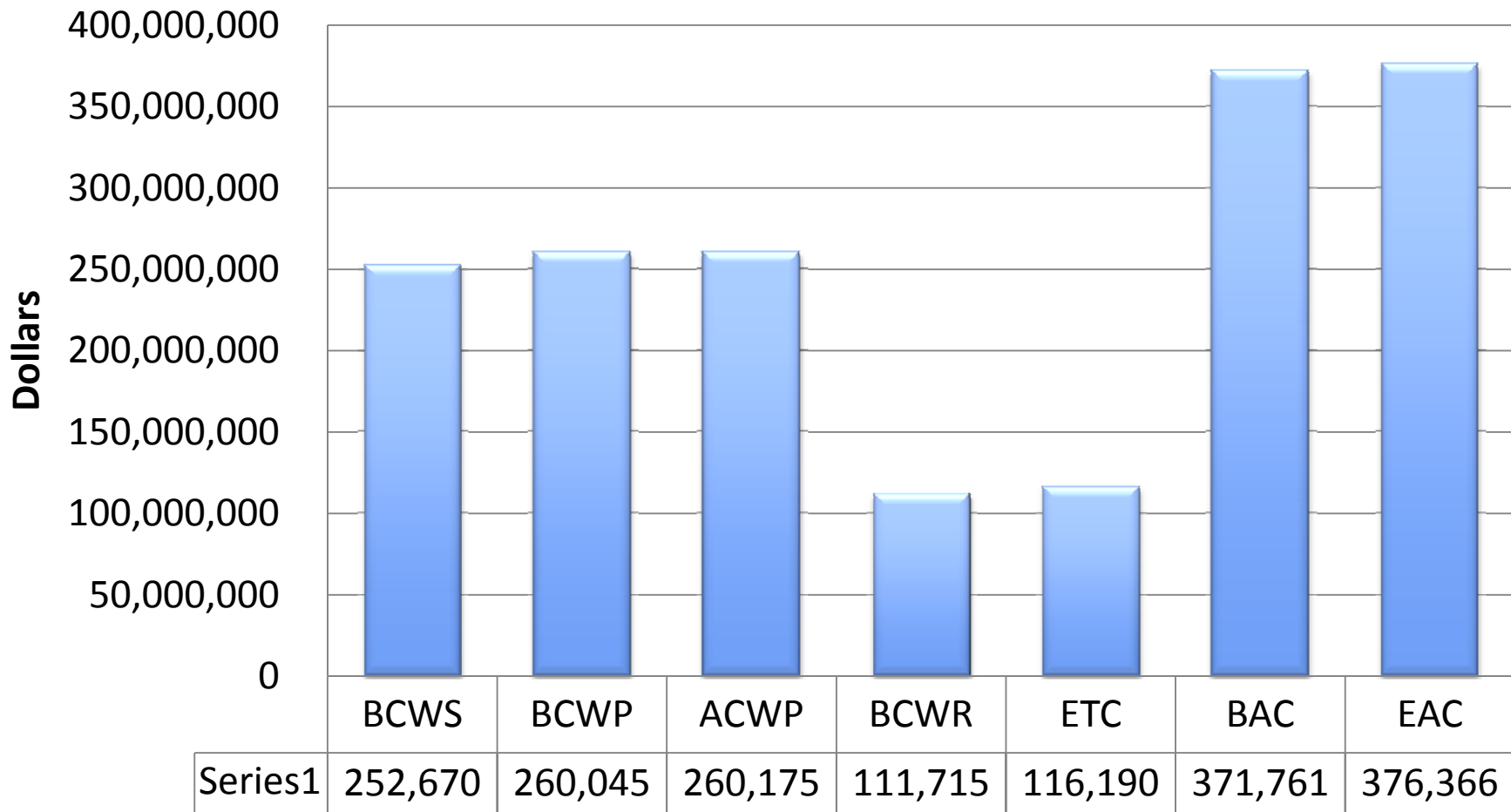
# Drilldown Capability - Earned Value (EV) Data

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



"Meeting  
The  
Challenge"

# 1.01.ENGD Engineering Design - PT - November 2009



Historical Performance and Work  
Required to Complete  
At the Facility Engineering Level

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* 32





**Digital Dashboards:**  
At-a-Glance Visual Project Diagnostics

**Independent Estimate at Completion (EAC):**  
Generates EACs using different calculation methods

**EVM Analysis Charts:**  
View EVMS Data at All Available Levels of the WBS or OBS

**Integration with Scheduling Systems:**  
Import Scheduling Data for Analysis

# Example Capabilities for FPDs and EM

- Conduct Final User Acceptance Testing
  - March 16 & 17- PMSO's Involved
- Begin Phased Deployment March 2010
  - Finalizing Schedules
  - Collaborative – OECM/Dekker/FPD/CO/Contractor
- Conduct Training
- Complete Deployment by Sep 30, 2010
- Decommission PARS I by Dec 31, 2010

## PARS-II Next Steps

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* 34

- DOE Has Improved Project Management
- Systems, Processes and Metrics Evolving
- Leadership is Engaged, Supportive, Motivated
- You are Making a Difference
- You have Embraced Change
- You are Meeting the Challenge

Take Aways

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



*"Meeting  
The  
Challenge"* 35



Questions

2010 Department of Energy  
Project Management Workshop  
March 9 - 10, 2010, Alexandria, VA



Meeting  
The  
Challenge"