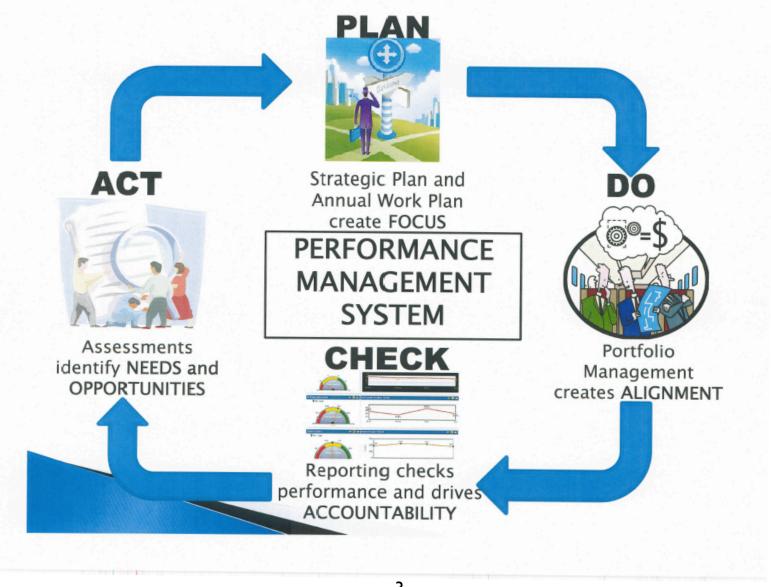
Stategic Measurement and Scorecards in OSG

Rob Gardner May 19, 2011

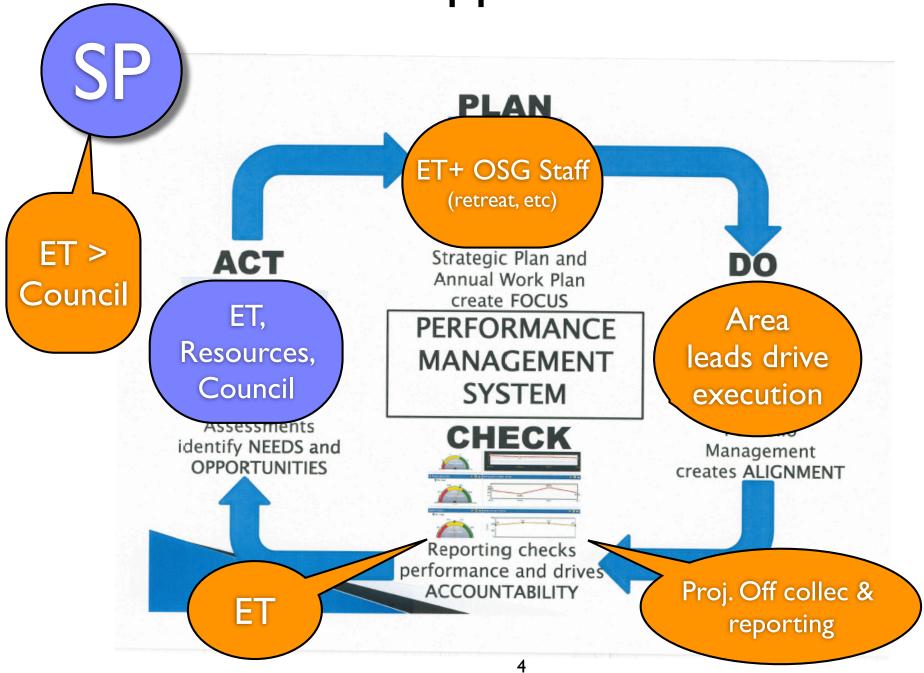
Strategic Plan

- OSG' proposoal and blueprint document describe a vision
- WBS defines area tasks and roughly serves to define goals
- Projecting these onto a measurable framework is one goal in the Assessment area

NEES Grid Process (PDCA)



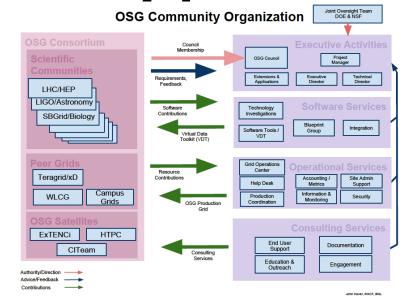
PDCA applied to OSG

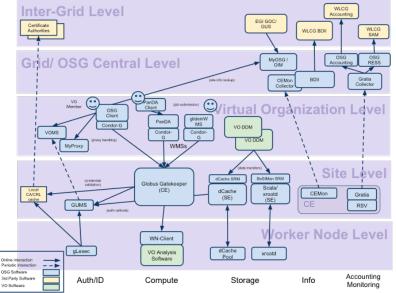


Scorecard Prototype

sources

- Metrics report 2009 (OSG Year 3)
- OSG WBS
- OSG prime proposal
- OSG blueprint
- towards a set of strategic objectives





Production Grid Functional Schematic

OSG BSC Prototyping

OSG-BSC-VI

066	DALANCED SCORECARD BSC Protohing											MEETS OR E	XCEEDS	
U5G	BALAI	NCED SCORECARD BSC-Prototype									OPERATION			
												COMPLETE		
	GOAL		METRICS	METRICS	COMMMUNITY	STRATEGIC		Y1Q1	Y1Q2	Y1Q3	Y1Q4			
GOAL AREA	OWNERS	METRICS	UNIT	OWNER	STAKEHOLDER	OBJECTIVE	WBS KEY	ACT	ACT	ACT	ACT	Y1 TARGET	Y2 TARGET	PERFORMANCE
THROUGHPUT		# OSG US CYBER ENDPOINTS												
		OSG US CYBER CPU CAPACITY SERVED	CPU-HR						<u> </u>	,		-		
		OSG US CYBER STORAGE SERVED	ТВ	-							-			
		OSG US CYBER CPU FRACTION	%											
		# OSG SITES (TOTAL)								<u> </u>	-			
		# OSG SITES (CLIENT)												
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ᇤ		# OSG SITES (CE)								1	-	-		
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		# OSG SE ENDPOINT								-				
		# OSG CACHE ENDPOINTS									1			
		# OSG UNIVERSITIES												
		# OSG LABORATORIES												
		# OSG REGIONAL GRIDS					,							
		# OSG INTERNATIONAL SITES			Ť									
l <u></u> 일		# OSG INTEROPERATING GRIDS								_				
		# OSG CAMPUS GRIDS												
		# OSG CLOUD ENDPOINTS (RESEARCH)												
VISION: C	ы	# OSG CLOUD ENDPOINTS (COMMERCIAL)												
		# OSG CLOUD GATEWAYS									,			
FACILITY		CPU CAPACITY SERVED (TOTAL)	CPU-HR			-					-			
		CPU CAPACITY SERVED (DEDICATED)	CPU-HR								_			
		CPU CAPACITY SERVED (SHARED-OPP)	CPU-HR		'	-				_				
		CPU UTILIZATION (TOTAL)								_				
		CPU UTILIZATION (DEDICATED)								_				
		CPU UTILIZATION (SHARED-OPP)								 	_			,
		STORAGE CAPACITY SERVED (TOTAL)	ТВ											
		STORAGE CAPACITY SERVED (DEDICATED)	ТВ											
		STORAGE CAPACITY SERVED (SHARED-OPP)	ТВ											
	¥	STORAGE CAPACITY SERVED (CACHED-OPP)	ТВ											

		# VOS PART. WEEK MTGS							-					
PRODUCTION										-	_			
	21	# VOS PART. DEV TO ACTIVE						-		-				
	-	# ENGAGMENT USERS						-						
	₹	# CAMPUS GRIDS ENGAGED	-		**									
	(# GRIDS DEPLOYED						-					. ,	
	51	# CLOUDS DEPLOYED												
	2	CPU CAPACITY OF CG SERVED	CPU-HR	5	,									
		STORAGE CAPACITY OF CG SERVED	ТВ											
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		# THROUGHPUT SERVC DEPLOYMENTS							1					
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I		# LABORATORIES PARTICIPATING PSD												
I		# CLOUD DEPLOYMENTS PSD												
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	=	# TRAINING VO/COMMUNITIES PARTICPATED				- :-								
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		# OSG CITED PUBLICATIONS												
	3	# OSG H-INDEX												
	4	# OSG SCIENCE DISCIPLINES SERVED												
	۲	# OSG FACULTY RESEARCH												
	- 1	# OSG ISGTW ARTICLES								1				
	- 1													
N 8	(# OSG NEWS MENTIONS												

Assessmet Project Process

- Strategic plan (ET, key area leads, ...)
- Measureable goals identify high impacts
- Area coordinators detailed metrics
- Metrics collection system w/ AL
- Reporting I:BSC
- Reporting 2: "dashboard"