

Strategic Measurement and Scorecards in OSG

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Strategic Plan

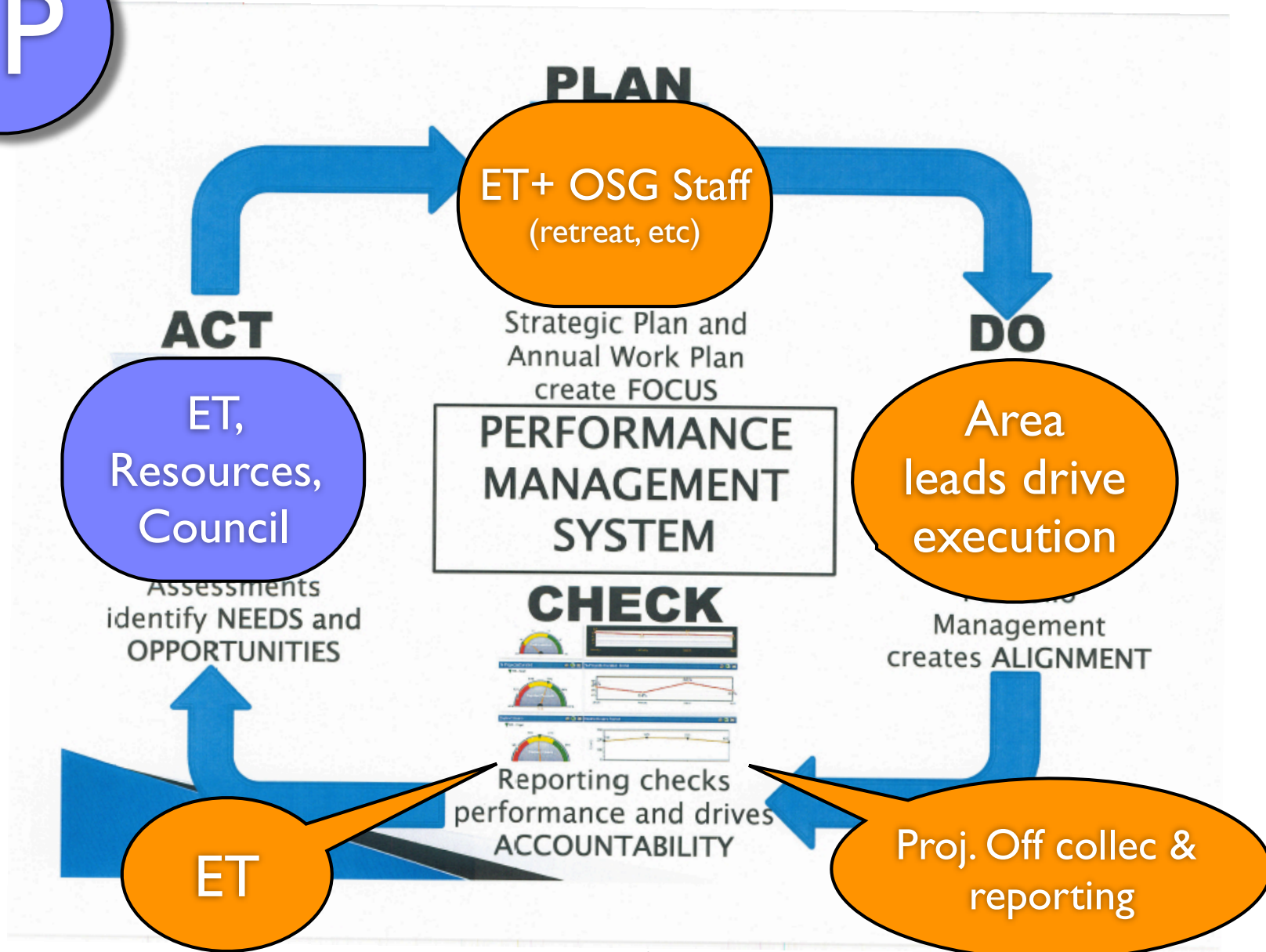
- OSG' proposoal and blueprint document describe a vision
- WBS defines area tasks and roughly serves to define goals
- Projecting these onto a measurable framework is one goal in the Assessment area

NEES Grid Process (PDCA)



PDCA applied to OSG

SP

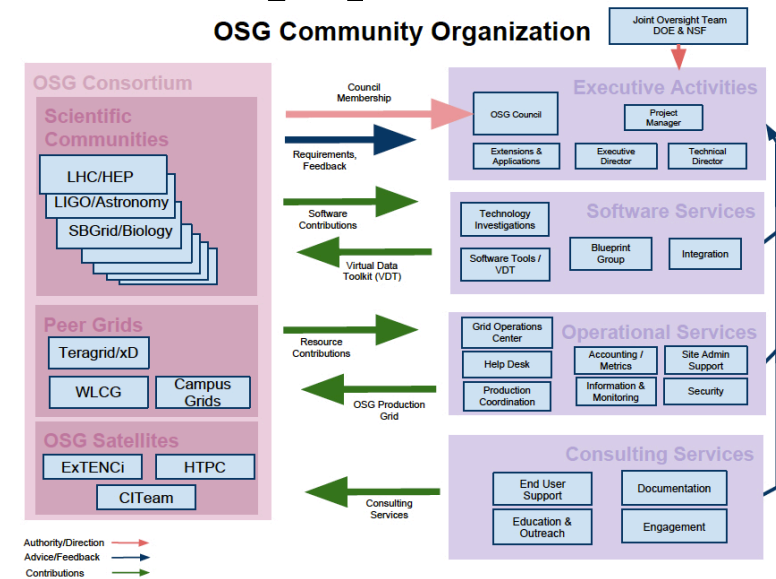


Scorecard Prototype

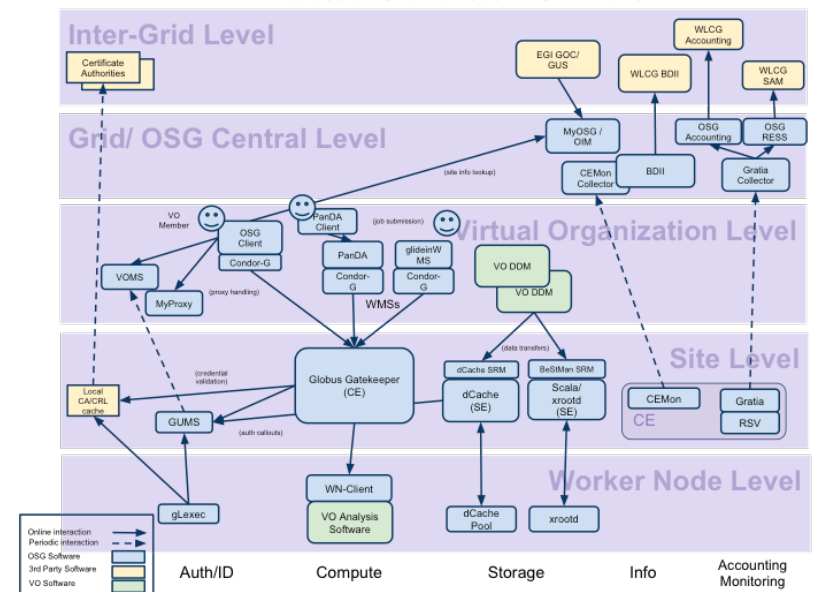
sources

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

OSG Community Organization



Production Grid Functional Schematic



OSG BSC Prototyping

OSG-BSC-VI

OSG BALANCED SCORECARD												MEETS OR EXCEEDS		
BSC-Prototype												OPERATIONAL RISK		
												COMPLETE		
GOAL AREA	GOAL OWNERS	METRICS	METRICS UNIT	METRICS OWNER	COMMUNITY STAKEHOLDER	STRATEGIC OBJECTIVE	WBS KEY	Y1Q1 ACT	Y1Q2 ACT	Y1Q3 ACT	Y1Q4 ACT	Y1 TARGET	Y2 TARGET	PERFORMANCE
VISION: DISTRIBUTED HIGH THROUGHPUT COMPUTING	ET	# OSG US CYBER ENDPOINTS												
		OSG US CYBER CPU CAPACITY SERVED	CPU-HR											
		OSG US CYBER STORAGE SERVED	TB											
		OSG US CYBER CPU FRACTION	%											
		# OSG SITES (TOTAL)												
		# OSG SITES (CLIENT)												
		# OSG SITES (STORAGE)												
		# OSG SITES (CE)												
		# OSG CE ENDPOINTS												
		# OSG SE ENDPOINT												
		# OSG CACHE ENDPOINTS												
		# OSG UNIVERSITIES												
		# OSG LABORATORIES												
		# OSG REGIONAL GRIDS												
		# OSG INTERNATIONAL SITES												
		# OSG INTEROPERATING GRIDS												
		# OSG CAMPUS GRIDS												
		# OSG CLOUD ENDPOINTS (RESEARCH)												
		# OSG CLOUD ENDPOINTS (COMMERCIAL)												
		# OSG CLOUD GATEWAYS												
FACILITY	AL	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)	TB											
		STORAGE CAPACITY SERVED (DEDICATED)	TB											
		STORAGE CAPACITY SERVED (SHARED-OPP)	TB											
		STORAGE CAPACITY SERVED (CACHED-OPP)	TB											

Assessmet Project Process

- Strategic plan (ET, key area leads, ...)
- Measureable goals - identify high impacts
- Area coordinators - detailed metrics
- Metrics collection system - w/ AL
- Reporting 1: BSC
- Reporting 2: “dashboard”