PMO In A Box

Prepared for UBS



Roadmap

Why PMO In A Box?

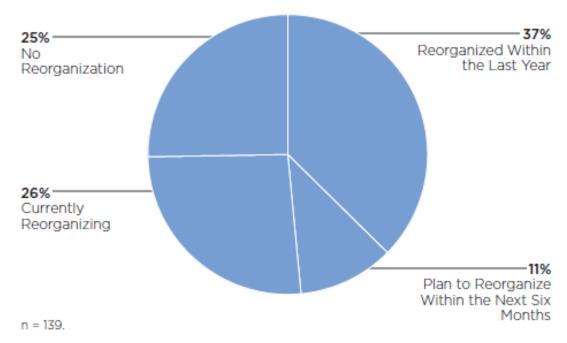
Establish PMO Governance

Standardize Methodology Create a
Stakeholder
Partnership Plan



PMOs Are In Transition

Percentage of PMOs Reorganizing or With Plans to Reorganize

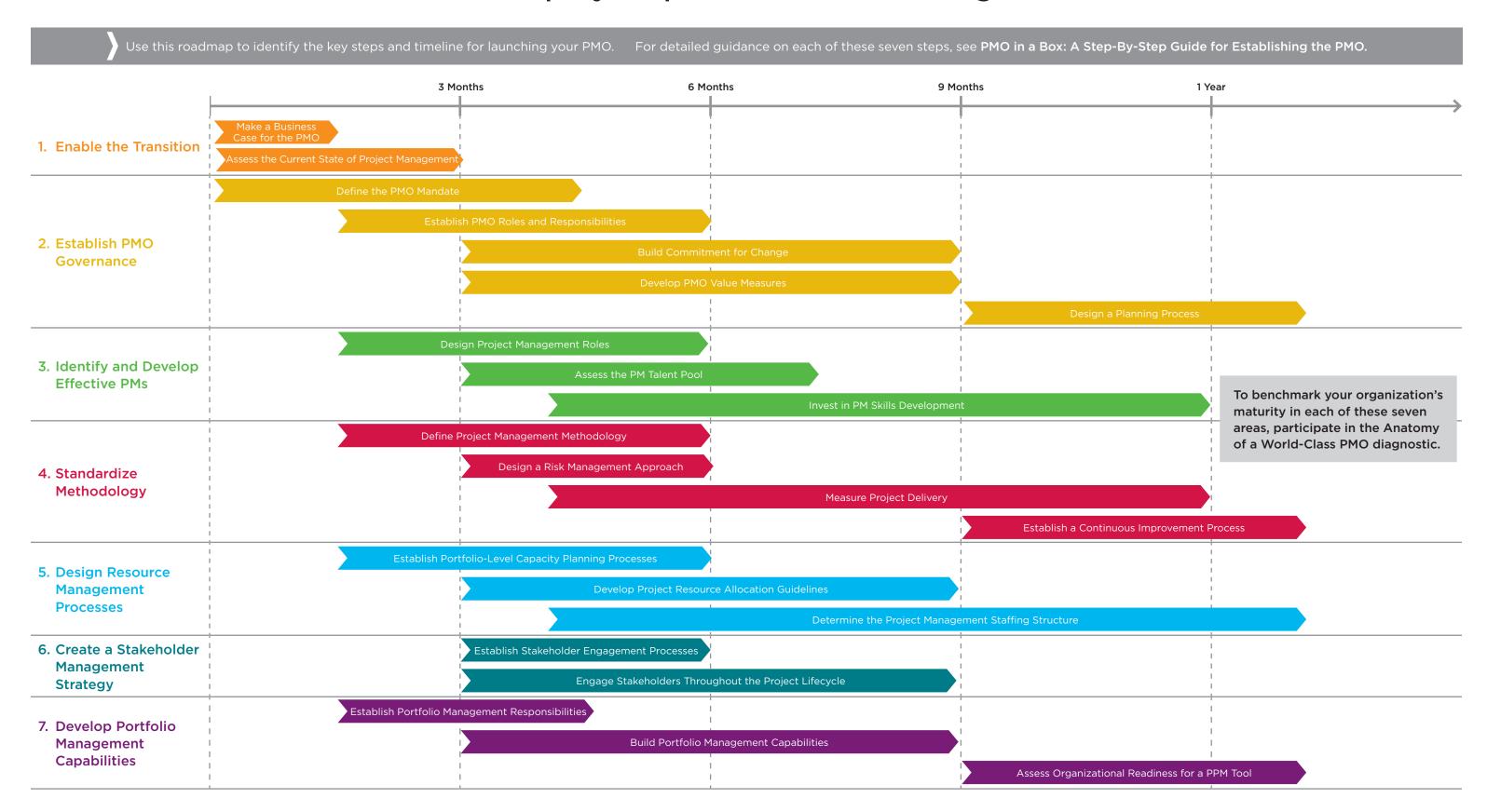


Note: Pie does not equal 100% due to rounding.





PMO in a Box: A Step-by-Step Guide for Establishing the PMO



Tailor Your Approach Based on the PMO Mandate

Organizational Model Sequence of Launch Activities Portfolio Monitorina Section 7: Portfolio monitoring offices can Office: Track project Section 2: Develop Section 4: help define risk management Establish PMO Portfolio Standardize health status and protocols within project Governance Management Methodology monitor risks across management methodology. Capabilities the portfolio. Project Project Management management Office: Create offices may Section 6: Section 5: methodology Section 3: be involved in Section 2: Section 4: Create a Design standards. Identify and project-level Establish PMO Standardize Stakeholder Resource documentation assignment Governance Methodology Partnership Management Effective PMs of PMs. requirements, and Strategy Processes risk management auidelines. Portfolio Section 7: Section 5: Section 6: Management Office: Section 3: Section 2: Develop Design Create a Section 4: Support project Identify and Stakeholder Standardize Establish PMO Portfolio Resource selection and develop Governance Management Management Partnership Methodology portfolio prioritization Capabilities Strategy processes.

> Not all portfolio management offices will manage PMs directly or define methodology.



Roadmap

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Establish PMO Governance

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2. Establish PMO Governance

Key Steps	Implementation Guidance
Define the PMO Mandate	☐ Align the PMO mandate to organizational priorities. ☐ Refresh the mandate to ensure continued alignment.
Establish PMO Roles and Responsibilities	 □ Determine core PMO responsibilities. □ Design the organizational structure. □ Define principles to guide the direction of project management.
Build Commitment to Change	 □ Develop an organizational change management plan. □ Identify key supporters and resisters of change. □ Tailor the PMO launch message to stakeholder concerns. □ Utilize multiple channels to deliver the PMO launch message. □ Minimize project-level disruption from new PMs. □ Monitor organizational perceptions of the PMO.
Develop PMO Value Measures	☐ Track the PMO's business impact. ☐ Benchmark your project management costs.
Design a Planning Process	☐ Develop a long-term planning process. ☐ Create a strategic roadmap for the PMO.



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Executive Summary: PMO Charter on a Page

Mission: "Manage the project portfolio and enable project management staff to enhance organizational responsiveness." **Vision**: "Make project management a competitive advantage for the organization."

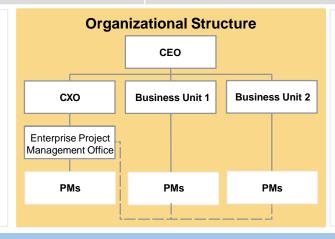
Guiding Principles

- 1. Business Value
- 2. Judgment
- 3. Enterprise Perspective
- 4. Risk Management
- 5. Shared Accountability
- 6. Stakeholder Partnership
- 7. Proactivity
- 8. Time Management
- 9. Cost-Efficiency
- 10.Reuse

Objectives	Metrics
Manage the Project Portfolio	Portfolio Health; Business Case Approval Rate; Portfolio Change Load; Resource Bottleneck Visibility; High-Risk "Driver" Projects,
Manage Methodology Standards	Methodology Flexibility; Compliance with Methodology Standards
Deliver Projects	On-Time, On-Budget, and On-Scope; Initial Estimate vs. Actual Time and Budget
Engage Stakeholders	Sponsor Satisfaction; Projects with Dedicated Sponsor, Sponsor Engagement
Enable Project Management Staff	Prevalence of Entrepreneurial PMs; Project Team Stability; PM Utilization
Manage the PMO	Total Cost of Project Management; Estimated vs. Actual PMO spend

Key Stakeholders

- · PMO Executive Sponsor
- PMO Steering Committee
- Governance Partners (Risk, Audit, etc.)
- Functional Partners (Human Resource, Finance, etc.)
- Project/Program Sponsors
- · Part-time Project/Program Managers
- Full-time Project/Program Managers
- · Project Delivery Resources
- Other PMOs



Key PMO Staff

- PMO Head
- Methodology Director
- Resource Manager
- Service Manager
- PM L&D Director
- Project Coordinator
- Project Manager
- Program Manager
- Portfolio Manager
- Project Recovery Consultant

Sample PMO Activities

- Define a Stakeholder Management Approach
- Engage Project Sponsors
- Prepare Business Partners to Manage Projects
- Collect Project Proposals and Business Cases
- Manage the Project Prioritization Process
- Select and Report Portfolio Metrics
- Manage Project-Driven Change
- · Define Programs

- Define Project Management Methodology
- Improve Project Management Methodology
- Manage Project Process Adherence
- Design a Risk Management Approach

Tailor the PMO Launch Messages to Concerns

Stakeholder Impact of Process Changes



Stakeholder Group	Change in Stakeholder Workflow	Potential Stakeholder Concerns	Key Benefits Messaging
Senior Management	For the first time, the right information will be visible up to the CEO level.	Processes may not mature fast enough and stunt the company's growth. IT may not adequately support the business.	 Better insight on investments and returns Ensure highest-priority projects get the most attention.
Business Executives	 Need to be more collaborative with IT and Finance in planning Need to align with the new governance models Only approved projects will get done. 	May create more red tape and reduce responsiveness	 Increased alignment of investments to functional strategies Business units can approve higher thresholds of investments at the cross-functional council level.
IT Executives	 Share accountability for ensuring rigorous portfolio prioritization. 	There may be resistance to adoption.	 PMO transforms from a policing to an enabling organization. Investments are better grouped and easier to manage.
Account Managers	 Need to own the planning process and the transition to project delivery 	 There may be more bureaucracy that slows down work. 	 Fewer fire drills regarding portfolio and annual planning
Project Managers	 Update cost-benefit analysis template at every project stage gate. 	More process steps to comply with	 Easier to communicate with business partners about projects due to consistent processes
Process Owners	 Process owner approval no longer required in project selection due to streamlined oversight 	Lower involvement in decision making	 Insight on project pipeline and notification of changes when they occur



The PMO anticipates potential pushback against the new process by considering each stakeholder's concerns and tailors change management messaging accordingly.



Track the PMO's Business Impact

PMO Scorecard

Illustrative

Key Messages: The number of projects managed by part-time PMs is moderately high and suggests the potential need to hire more full-time PMs soon. Stakeholder satisfaction is within the target range at 86%. Portfolio Value Portfolio Health Resource Utilization Portfolio Sources of Value Creation Overall Portfolio Health Portfolio Management, by Resource (Percentage of projects in the portfolio) (Percentage of projects in the portfolio) 23% 5% --Red Part-time Gain/Loss on Revenue PMs Retention Asset Sale 23% 66% 39% Yellow Green Full-time Increased 32% Revenue Reduction -21%Cost Avoidance Project Delivery Performance to Date Ratio of Contractors to FTEs Cumulative Business Value Delivery (Percentage of projects in the portfolio) On Time Increased 31% 10 30 15 Revenue Contractors Cost On Budget 2 Avoidance 69% Cost FTEs 19 12 On Scope Reduction Revenue 2 Deberhion Cost of Project Management as a Gain/Loss Percentage of Total Project Spend Average Hours worked per Week on Asset Salo by PMs, by Month 18% -Total 27 60 39 2012 100 Project Mañagement Stakeholder Satisfaction Costs 70% 82% Project. Portfolio May May Aug Aug Sep. Dec. Dec. Costs



Roadmap

Why PMO In A Box?

Establish PMO Governance

Standardize Methodology

Create a
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Standardize Methodology

Key Steps	Implementation Guidance
Define Project Management Methodology	 □ Develop a methodology framework. □ Assess the portfolio for Agile suitability. □ Provide guidelines for project documentation.
Design a Risk Management Approach	 □ Identify a comprehensive set of project risks. □ Tier methodology rigor based on project risk level. □ Conduct a detailed risk assessment for complex projects. □ Document project interdependencies. □ Develop a process for assessing ongoing project health.
Measure Project Delivery	 ☐ Select project delivery metrics. ☐ Define a standard set of project business outcomes. ☐ Identify leading indicators of project benefits realization. ☐ Design a project status report.
Establish a Continuous	Improve project management process quality.



Develop a Methodology Framework

roject Dei ustrative	Ivery Phases and Steps	
		Stage-Gate Meetings
	Business Project Manager	IT Project Manager
Define Project	 Validate project alignment to BU strategy. Draft high-level business requirements. 	 Assess level of business sponsorship.
2 6	Stage-Gate Meeting Focus: How much effort should v	we invest in designing a solution?
Refine Solution	 Refine requirements. Draft business case and targeted benefits. Identify business resources and change required. 	 Develop high-level project plan. Draft project charter. Review and refine solution alternatives and estimates and identify potential risks.
8 S	Stage-Gate Meeting Focus: Do project benefits justify	y further project effort?
8 -	 Sign off on scope. Sign off on benefits and funding. 	 Finalize budget, detailed project plan, and resource procurement. Support funding estimates.
Plan	Stage-Gate Meeting Focus: Has the business case, so developed sufficiently?	lution, and plan to execute been
	 Approve design and technical documentation. 	 Complete design and technical documentation.
٥	Stage-Gate Meeting Focus: Is the design complete, as and scope?	nd does it adhere to business requirements
e e e	 Ensure business process testing is complete. 	 Complete installation, unit, and system testing.
Validate Deliverables	Stage-Gate Meeting Focus: Has development and tes of business users?	ting been completed to satisfaction
Deli S	 Ensure user acceptance testing is complete and system is ready to go live. 	 Complete data migration and conversion.
•	Stage-Gate Meeting Focus: is there adequate support	t post-go-live? Are we ready to decide go versus no-go?
2 3 0	 Ensure end-user training is complete. Assess benefits for tracking. Close project completely. 	 Complete documentation and monitor support. Initiate project closure.
mplement and Review Outcomes	Stage-Gate Meeting Focus: Is the solution stabilizing, needs? Has benefits realization begun?	and have users been trained sufficiently to address change



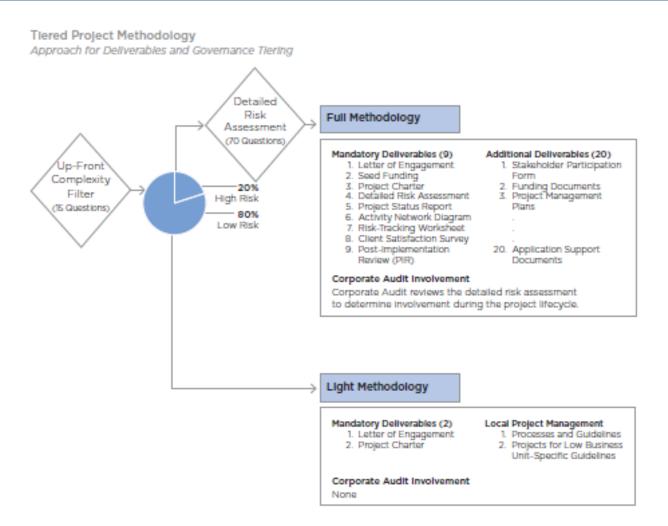
Assess for Agile Suitability

Sample Criteria from Agile Suitability Scorecard

Project Characteristics 1. Requirements 2. Total effort 3. Interfacing systems Regulatory compliance Sponsor and Stakeholder Characteristics 13. Sponsor buy-in for Agile methodology 14. Business organization willing to commit more time to provide feedback 15. Product owner or sponsor has experience with training on Agile. 16. Business sponsor, product owner, or business SME available and able to make quick decisions on project priorities **Project Resources** 22. Team size 23. Percentage of resources that will be dedicated full-time 24. Team experience in project's technology domain 25. Team experience in project's business domain



Tier Methodology Rigor Based on Project Risk



BMO (Financial Group



Determine Project Risk with Size and Complexity

Project Size					
Criteria	Small	Medium	Large		
1. Work Months	< 24	24-170	> 170		
2. Budget \$XXXs	< 500	500-1,000	> 1,000		
3. Elapsed Project Duration (Months)	≤ 4	5-12	> 12		
4. Project Team Size	≤ 4	5-12	> 15		

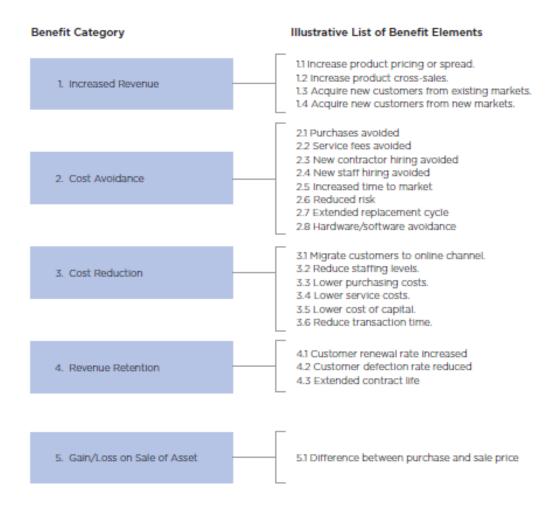
Source: BMO Financial Group; CEB analysis.

Project Complexity						
Criteria	ria Low Intermediate High					
Requirements Complexity	Straightforward and well understood by project team	Complex and well understood by project team	Complex and not well articulated			
Number of Projects Impacted	0	1	≥ 2			
3. Interfaces to Existing Systems	0	1-3	> 3 or external			
4. Internal/External Groups to Coordinate	1	2-4	> 4			
5. ProcessingType	N/A or batch processing only	Simple online query and update	Complex processing—Internet/ distributed systems			
6. Data Complexity	N/A or < 50 entities	50-100 entities	> 100 entitles			
7. Online Response Time	> 7 seconds	3-7 seconds	≤ 2 seconds			
8. System Availability	N/A or less than/equal to 95%	98%	Greater than 99%			
Number of Daily Transactions	≤1,000	1,000-50,000	> 50,000			
10. Business Criticality	< 30 days outage tolerable	1 week outage tolerable	1 day outage tolerable			
11. Data Quality and Conversion	N/A, good quality, simple to convert or automatable	Fair complexity, average complexity, average to convert	Poor quality, very complex, difficult to convert			



Define Standard Set of Project Business Outcomes

BMO (Financial Group





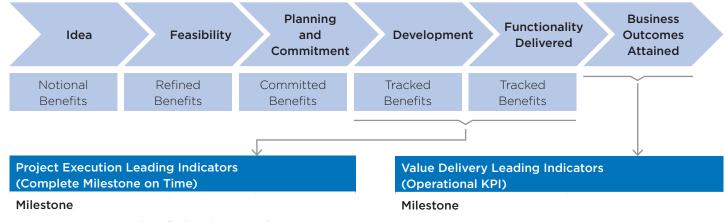
Develop leading indicators to track critical preconditions for project benefits capture.

- Leading indicators are KPIs for midcycle milestones that business partners can act on, demonstrate positive correlation with project success, and are typically nonfinancial in nature.
- Lagging indicators reflect past performance, cannot be addressed by specific action, and usually involve financial results, triple constraints, or customer feedback.
- Ensure leading indicators exist for value delivery to enable midcourse correction and improve benefits realization post-launch.

IDENTIFY LEADING INDICATORS OF PROJECT BENEFITS REALIZATION



Illustrative Benefit Element: Increase Client Cross Sales



- Business sponsor identified and engaged
- Online training centers signed off
- Super users identified

- Number of sales calls by salesperson
- Number of new accounts open within existing clients
- Net increase in converted assets

Project Execution Lagging Indicators

Milestone

- Variance to duration
- Variance to cost

Value Delivery Lagging Indicators

Milestone

- User satisfaction score
- Revenue realized from implementation

Ongoing Project Health Checks

Category	Potential Leading Indicator of Project Trouble						
Project	 Project spending is trending significantly under estimate or not using allocated CAPEX. 						
Performance	A growing number of dependent projects are on hold.						
	Business case has not been reevaluated in light of changing business conditions.						
Communication	 No challenges or conflicts were raised in informal and formal project reviews. 						
	5. Different perceptions were taken from the same meeting.						
Decision	Project stakeholders often disagree about decisions.						
Making	7. "Analysis paralysis"—no formal process to ensure decisions are made						
	 Project team members don't have a clear understanding of the initiative's purpose. 						
Talent and	The project team begins to experience attrition.						
Resource Management	10. It is difficult to identify and allocate necessary resources.						
Planagement	 Project team members look stressed and are often "fire fighting." 						
	12. It is difficult to recruit the right talent to participate in execution.						
Stakeholder	 Ambiguity exists regarding different project stakeholders' responsibilities. 						
Engagement	 Stakeholders are missing project team meetings and sending delegates. 						
	15. Sponsor is increasingly focused on other projects.						
	Stakeholders are not excited or eager about the project's outcome.						
	17. Sponsor is dismissive of project risks.						
	 Stakeholders are not comfortable escalating issues to project manager. 						
Process and	19. Project requirements frequently change without formal assessment.						
Methodology	20. Interim goals are defined verbally rather than documented.						



Roadmap

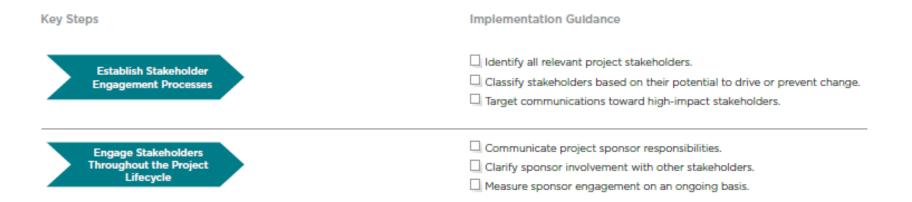
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Create a Stakeholder Management Strategy





Identify All Relevant Stakeholders

Raytheon

Stakeholder Roles



Expected Stakeholder Activities

- Initiating Sponsor: Tier 1 Leader
- Secures funding and resources
- Communicates vision and objectives
- Engages team in driving the process
- Sustaining Sponsor: Direct report to initiating sponsor
- Manages resources and budget
- Influences peers and teams to engage
- Contributes operational oversight and business process knowledge
- Change Agent: Functional or business unit experts
- Communicates specific changes
- Supports training from design to delivery
- Coaches and engages local leaders
- 4. Change Advocate: Professionals from affected group
- Serves as local expert
- Champions process, tools, and benefits
- Measures progress against goals
- Change Target: End users affected by the change
- Communicates issues to change agents and change advocates
- Adopts new system or process



Classify Stakeholders

Individual Stakeholder Profile

Illustrative

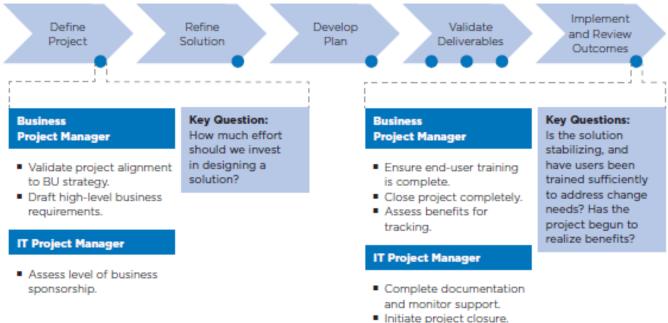


ı	Project: SAP Financials Implementation (Illustrative)										
	Name: Francisco Santos Department: Internet Business So Title: Senior Consultant, Operation			rnet Business Solu		Group					
_	Тур	e of Stakeholder			Cha	nge Posture		Chang	ge/Influ	ience M	atrix
Priority Segmentation		Executive Sponsor Project Sponsor Customer		Supplier Developer Sponsor's Boss		Supportive Neutral Resistant	Post	Supportive Neutral	pacted	uential	or Break
Priority Se		Financier Super User User		Auditor Other			Change	Resistant	Low	Medium ree of In	_
Personalized Communication		Reduce administrat Recognition of cons project success to a promotion opportu Boost employee mo department.	ive b secut aid 20 nity	lve Opera 008 • Debo Mana	Shah ations rah G	Director,		□ We □ Sta □ Trig	ekiy upo ekiy upo nding in ger-bas ger-bas	date e-m date pho n-person sed phon sed e-ma mail CC	all ne call meeting se call



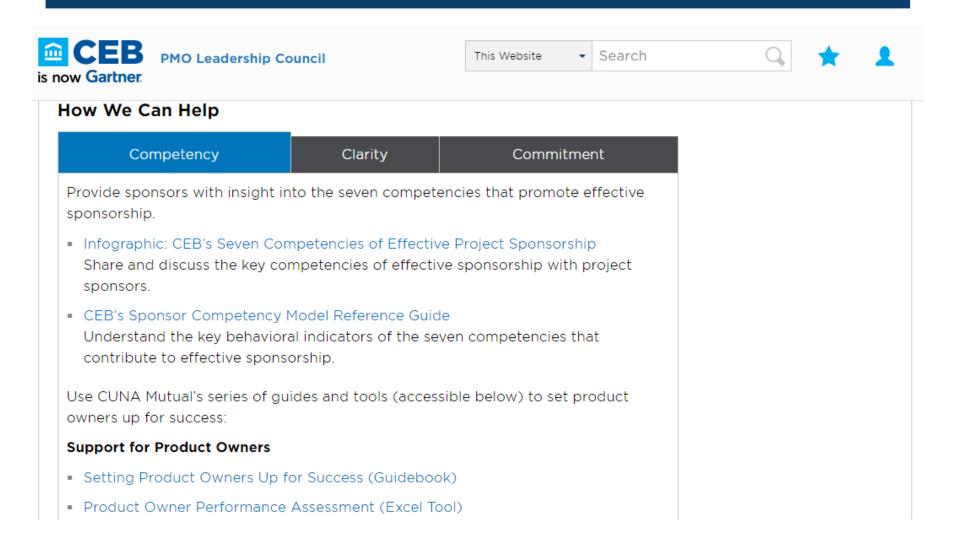
Communicate Project Sponsor Responsibilities







Access the Sponsor Resource Center





Advance Your PMO's Maturity

	INTERMEDIATE	PROGRESSIVE	WORLD CLASS
Establish PMO Governance	The PMO mandate is clear, focused, and well understood internally. Stakeholders are still skeptical that the PMO adds value. The PMO reports on some forward-looking matrics at the project level only to enable operational success of project management.	The PMO mandate is clear, focused, and accepted by all key stakeholders. The PMO is perceived as a "value enabler." The PMO reports on its performance based on programand portfolio-level business outcomes.	The PMO regularly partners with senior leaders to recalibrate the mandate. The PMO is seen as a "value generator." The PMO uses leading indicators to forecast a holistic perspective of PMO performance.
Identify and Develop Effective PMs	PMs are effective process administrators. There are no standard guidelines for recruiters to identify soft skills in PM candidates. The PMO evaluates PMs on sponsor satisfaction as well as compliance with methodology, budgets, and schedules.	PMs partner with sponsors to contribute attainment of business outcomes. The PMO provides standard guidelines for hiring PMs with strong soft skills. The PMO has shifted the focus of performance evaluations to how well PMs deliver business outcomes.	PMs are leaders who drive business value through their own decisions. The PMO hires through case-based interviews, often drawing candidates from the business. The PMO primarily ratas PM effectiveness by the level at which he or she establishes and drives business outcomes.
Standardize Methodology	The PMO offers several methodology tracks delivering different lavels or project rigor. The PMO triages business case definition and benefits tracking rigor based on project size, relative impact, and strategic importance.	The PMO has a flexible management methodology that requires all projects to comply with a minimal set of deliverables deemed critical for business outcome attainment. The PMO has an integrated suite of standard benefits realization metrics that apply to a majority of projects, although the majority of these are lagging indicators of project performance.	 The PMO empowers the best PMs to work within a standard set of guidelines rather than to execute a methodology. The PMO identifies and includes leading and lagging indicators of benefits realization as key components of the business case that sponsors must approve before development begins.
Design Resource Management Processes	 The PMO tries to prevent bottlenecks by requesting business and technical SMEs' availability for critical projects. 	 The PMO achieves aggregate views of resource supply and demand by regularly matching resource utilization data with portfolio resource needs to identify major surpluses or shortages of skilled resources. 	 The PMO adds skill and competency matching on top of simple experience and risk-level requirements to elevate project execution efficiency.
Create a Stakeholder Partnership Strategy	The PMO focuses on PM training to ensure better stakeholder management. The PMO provides PMs and business sponsors with standard descriptions of sponsor roles and responsibilities, as well as standard templates for stakeholder communication.	The PMO manages stakeholder relationships by focusing on both the PM and the sponsor. The PMO coaches and facilitates the involvement of business sponsors at the most important points in the project lifecycle.	The PMO guides PMs on how to assess organizational receptivity or resistance to change. The PMO broadens the standard definition of stakeholders to include end users as well as business sponsors.
Develop Portfolio Management Capabilities	The PMO applies standard project approval criteria, such as business value, degree of fit with enterprise objectives, urgency, and risks to execution, to select projects or programs across the organization. However, the PMO is not able to withdraw funds or resources from a project.	The PMO monitors projects through their execution phase and reevaluates their business case as business conditions change. The PMO has the power to stop in-flight projects where the business case has significantly changed or when higher-ROI projects enter the portfolio.	The PMO advises executives on project selection to maximize long-term enterprise value. These may include projects from across the risk spectrum such as "principled bets" (i.e., high-risk but also high-value projects).



Thank You

