

# Project Management Process Matrix (PMBOK® 5)

	Proj. Integration Mgmt.	Proj. Scope Mgmt.	Proj. Time Mgmt.	Proj. Cost Mgmt.	Proj. Quality Mgmt.	Proj. Human Resource Mgmt.	Proj. Communication Mgmt.	Proj. Risk Mgmt.	Proj. Procurement Mgmt.	Proj. Stakeholder Mgmt.	Proj. Safety Mgmt.	Proj. Environmental Mgmt.	Proj. Financial Mgmt.	Proj. Claim Mgmt.	
I N I T I A T I O N	Develop Proj. Charter									Identify Stakeholders					
	Develop Proj. Mgmt. Plan	Plan Scope Mgmt.	Plan Time Mgmt.	Plan Cost Mgmt.	Plan Quality Mgmt.	Plan HR Mgmt.	Plan Communications Mgmt.	Plan Risk Mgmt.	Plan Procurement Mgmt.	Plan Stakeholder Mgmt.	Plan Safety Mgmt.	Plan Environmental Mgmt.	Plan Financial Mgmt.	Plan Claim Mgmt.	
	Collect Requirements	Define Activities	Estimate Costs					Identify Risks							
	Define Scope	Sequence Activities	Determine Budget					Perform Qualitative Risk Analysis							
	Create WBS	Estimate Activity Resources						Perform Quantitative Risk Analysis							
		Estimate Activity Durations						Plan Risk Responses							
		Develop Schedule													
E X E C U T I O N	Perform Quality Assurance	Validate Scope	Control Schedule	Control Cost	Control Quality	Manage Proj. Team	Manage Communications	Monitor Risk	Control Procurement	Manage Stakeholder Engagement	Perform Safety Assurance	Perform Environmental Assurance			
	Monitor & Control Proj. Work														
M O N I T O R I N G	Perform Integrated Change Control	Control Scope													
	Close Proj. or Phase								Close Procurement						
C O M P L E T I O N															