

The 47 Processes by Knowledge Area and Group

Knowledge Area PMBOK 5 th Edition	Initiating Process Group (02)	Planning Process Group (24)	Executing Process Group (08)	Monitoring & Controlling Group (11)	Closing Process Group (02)
Project Integration Management	Develop Project Charter	Develop Project Management Plan	Direct & Manage Project Work	Monitor & Control Project Work Perform Integrated Change Control	Close Project or Phase
Project Scope Management		Plan Scope Management Collect Requirements Define Scope Create WBS		Validate Scope Control Scope	
Project Time Management		Plan Schedule MGT Define Activities Sequence Activity Estimate Activity Resource Estimate Activity Duration Develop Schedule		Control Schedule	
Project Cost Management		Plan Cost Management Estimate Costs Determine Budget		Control Cost	
Project Quality Management		Plan Quality MGT	Perform Quality Assurance	Control Quality	
Project HR Management		Plan HRM	Acquire Project Team Develop Project Team Manage Project Team		
Project Communication		Plan communication MGT	Manage Communication	Control Communication	
Project Risk Management		Plan Risk MGT Identify Risk Perform Qualitative Risk Analysis Perform Quantitative Risk Analysis Plan Risk Response		Control Risk	
Project Procurement		Plan Procurement MGT	Conduct Procurement	Control Procurement	Close Procurement
Project Stakeholder MGT	Identify Stakeholders	Plan Stakeholder MGT	Manage Engagement	Control Engagement	