Monitoring and Controlling Process Group Overview

Process	Inputs	Tools & Techniques	Outputs
Monitor and Control Project Work	1. Project management plan 2. Project documents 3. Work performance information 4. Agreements 5. Enterprise environmental factors 6. Organizational process assets	1. Expert judgment 2. Data analysis 4. Decision making 5. Meetings	1. Work performance reports 2. Change requests 3. Project management plan updates 4. Project documents updates
Perform Integrated Change Control	1. Project management plan 2. Project documents 3. Work performance reports 4. Change requests 5. Enterprise environmental factors 6. Organizational process assets	1. Expert judgment 2. Change control tools 3. Data analysis 4. Decision making 5. Meetings	1. Approved change requests 2. Project management plan updates 3. Project document updates
Validate Scope	1. Project management plan 2. Project documents 3. Verified deliverables 4. Work performance data	1. Inspection 2. Decision making	1. Accepted deliverables 2. Work performance information 3. Change requests 4. Project documents updates
Control Scope	1. Project management plan 2. Project documents 3. Work performance data 4. Organizational process assets	1. Data analysis	1. Work performance information 2. Change requests 3. Project management plan updates 4. Project documents updates

Control Schedule	1. Project management plan 2. Project documents 3. Work performance data 4. Organizational process assets	1. Data analysis 2. Critical path method 3. Project management information system 4. Resource optimization 5. Leads and lags 6. Schedule compression	1. Work performance information 2. Schedule forecasts 3. Change requests 4. Project management plan updates 5. Project documents updates
Control Costs	1. Project management plan 2. Project documents 3. Project funding requirements 4. Work performance data 5. Organizational process assets	1. Expert judgment 2. Data analysis 3. To-complete performance index (TCPI) 4. Project management information system	1. Work performance information 2. Cost forecasts 3. Change requests 4. Project management plan updates 5. Project documents updates
Control Quality	1. Project management plan 2. Project documents 3. Approved change requests 4. Deliverables 5. Work performance data 6. Enterprise environmental factors 7. Organizational process assets	1. Data gathering 2. Data analysis 3. Inspection 4. Testing/product evaluations 5. Data representation 6. Meetings	1. Quality control measurements 2. Verified deliverables 3. Work performance information 4. Change requests 5. Project management plan updates 6. Project documents updates
Control Resources	1. Project management plan 2. Project documents 3. Work performance data 4. Agreements 5. Organizational process assets	1. Data analysis 2. Problem solving 3. Interpersonal and team skills 4. Project management information system	1. Work performance information 2. Change requests 3. Project management plan updates 4. Project documents updates

Monitor Communications	1. Project management plan 2. Project documents 3. Work performance reports 4. Enterprise environmental factors 5. Organizational process assets	1. Expert judgment 2. Project management information system 3. Data representation 4. Interpersonal and team skills 5. Meetings	1. Work performance information 2. Change requests 3. Project management plan updates 4. Project documents updates
Monitor Risks	1. Project management plan 2. Project documents 3. Work performance data 4. Work performance reports	1. Data analysis 2. Audits 3. Meetings	1. Work performance information 2. Change requests 3. Project management plan updates 4. Project documents updates 5. Organizational process assets updates
Control Procurements	1. Project management plan 2. Project documents 3. Agreements 4. Procurement documentation 5. Approved change requests 6. Work performance data 7. Enterprise environmental factors 8. Organizational process assets	1. Expert judgment 2. Claims administration 3. Data analysis 4. Inspection 5. Audits	1. Closed procurements 2. Work performance information 3. Procurement documentation updates 4. Change requests 5. Project management plan updates 6. Project documents updates 7. Organizational process assets updates
Monitor Stakeholder Engagement	1. Project management plan 2. Project documents 3. Work performance data 4. Enterprise environmental factors 5. Organizational process assets	1. Data analysis 2. Decision making 3. Data representation 4. Communication skills 5. Interpersonal and team skills 6. Meetings	1. Work performance information 2. Change requests 3. Project management plan updates 4. Project documents updates