Understanding Before Doing Workshop

Planning

Session #2

April 24, 2024





Agenda

- Understanding Before Doing Workshop Series Framework
- References
- Review Creating a Culture of Success (Leadership)
- Planning Process Deep Dive
- Key Take Aways
- Questions & Discussion



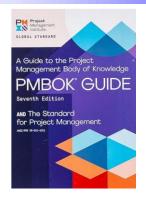
Workshop Framework

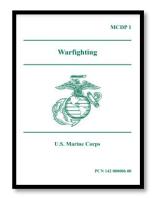
Planning Session Purpose: To introduce & provide a planning solution for efficient planning efforts where you are.

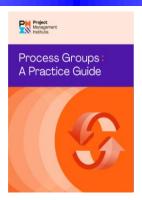
Foundation **Planning** Project Management (PM) Leadership Overview Leadership Primer Leadership Primer Planning Overview Introduction to a planning process Introduction to PM **Project Management Overview Review Templates PM Tools Key Take Aways** Summary PM Templates **Key Take Aways** Key Take Aways

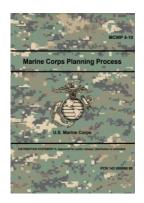


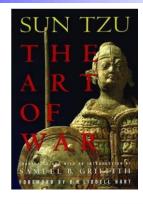
References















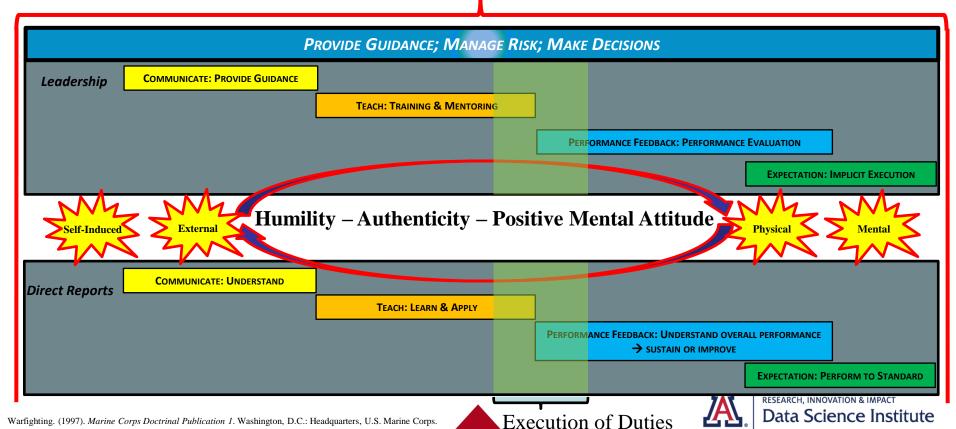
Creating a Culture of Success





Lead Where You Are

Consistency, Persistence, Energy, & Patience



Creating a Culture of Success

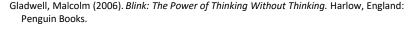
Challenges

- Conflict Management
- Biases
- Professional Insecurity

Recommended Actions

- Emotional Intelligence
- Be Engaged & Be Involved
- "Lead People & Manage Things" Mentality







Planning Process Deep Dive





"Plans are nothing; planning is everything."

- Dwight D. Eisenhower





Definition of Planning

Planning are those processes required to establish the scope of the project, refine the objectives, and define the course of action required to attain the objectives that the project was undertaken to achieve" (PMBOK, 2021, p. 244).

Understanding Before Doing



Why Planning is Important?

"It is a preparation process" (MCDP 5, 2018. p. 1-3).

"Planning is that by which harm is avoided and advantage gained" (Griffith, 1971, p. 152).

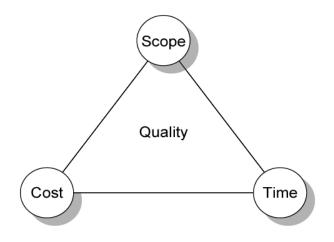
Poor planning is often cited as the cause of unsuccessful or failed projects.

Planning Philosophy

Leadership Driven Planning

One Team Concept

Integrated Planning





When do we plan?

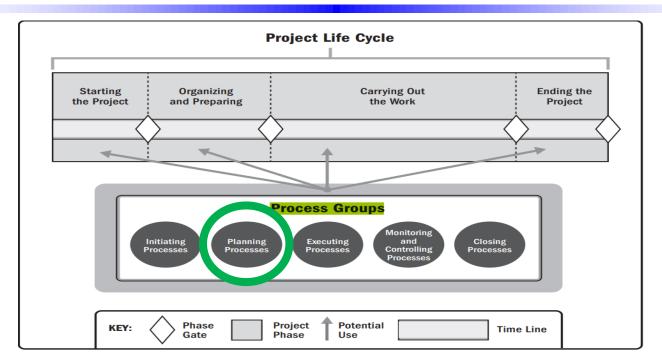
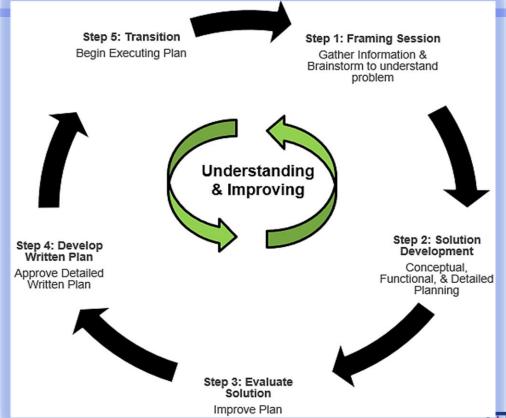


Figure 1-4. Interrelationship of Key Components in Projects



A Planning Process





Step 1: Framing Session





Planning Process Step One: Framing Session

Purpose: To achieve an understanding of the problem.

Key Inputs

- Strategic Plan(s)
- Business Rules
- Regulations, Policies, & Procedures
- Grant Agency funding program documentation
- Approved or draft proposal documentation
- Notes
- Email correspondence

Director or Principal Investigator (PI) & Staff

- Experience
- Expertise
- Judgment

Template

• Framing Session Template

Team Actions

- Develop Organizational
 Chart identifying stakeholders,
 partners & planners (direct,
 coordination, & administrative
 relationships identified)
- Task Analysis (essential, specified & implied tasks identified)
- Assumptions
- Limitations (restraints & constraints)
- Requests for Information
- Shortfalls (personnel & resources)
- Risks & Risk Mitigation
- Time constraints (known key dates)
- Develop or validate budget
- Define the Problem (Problem Statement)
- Proposed Mission Statement

Key Outputs

- Approved Mission Statement
- Director's or PI's solution development guidance to team
- Draft Budget
- Framing Session Brief



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Framing Session Template

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Planning Process Step One: Framing Session

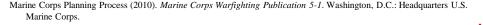
Purpose: To achieve an understanding of the problem. Team Actions **Key Inputs Key Outputs Develop Organizational** Strategic Plan(s) **Approved Mission Statement** Chart identifying stakeholders, **Business Rules** Director's or PI's solution Regulations, Policies, & Procedures partners & planners (direct, development guidance to team coordination, & administrative Grant Agency funding program **Draft Budget** relationships identified) documentation Framing Session Brief Task Analysis (essential, specified & Approved or draft proposal documentation implied tasks identified) Notes **Assumptions** Email correspondence Limitations (restraints & constraints) Requests for Information Director or Principal Investigator (PI) & Staff Shortfalls (personnel & resources) Experience Risks & Risk Mitigation **Expertise** Time constraints (known key dates) **Judgment** Develop or validate budget Define the Problem (Problem Template Framing Session Template Statement) **Proposed Mission Statement**

RESEARCH, INNOVATION & IMPACT
Data Science Institute

Framing Session Brief Agenda Example

- Inputs Reviewed
- Stakeholders & Planners
- Requests for Information
- Assumptions
- Limitations (Constraints & Restraints)
- Shortfalls (Personnel & Resources)
- Risks & Mitigation
- Task Analysis
- List of Activities
- Problem Statement
- Proposed Mission Statement





Step 2: Solution Development





Planning Process Step Two: Solution Development

Purpose: To develop a solution for accomplishing the mission. **Key Inputs** Team Actions **Key Outputs** Develop Conceptual Framework (sequence **Approved Mission Statement** Solution Development Brief actions across time (fiscal year or calendar) Director's or PI's solution and into phases development guidance to team **Identify Objectives Draft Budget** Develop Key Results (tasks) Framing Session Brief Adhere to SMART (Specific, Measurable, Achievable, Relevant, **Template** and Time-bound – target completion Solution Development Brief Template date) required to accomplish **Rough-cut Solution Template** objectives Refine Organizational Chart Refine and/or validate Budget Refine Communication Plan **Key Actions**: Develop a rough-cut solution (conduct an inprogress review) – to ensure team is achieving Director's or PI's solution development guidance before detailed development of plan RESEARCH, INNOVATION & IMPACT

Develop detailed solution

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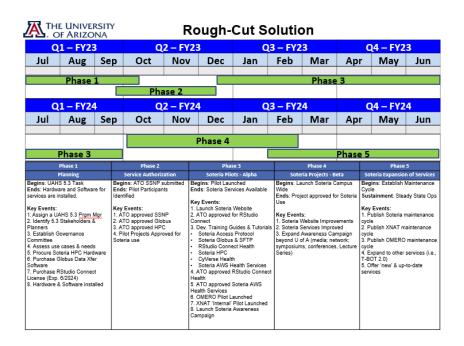
Planning Process Step Two: Solution Development

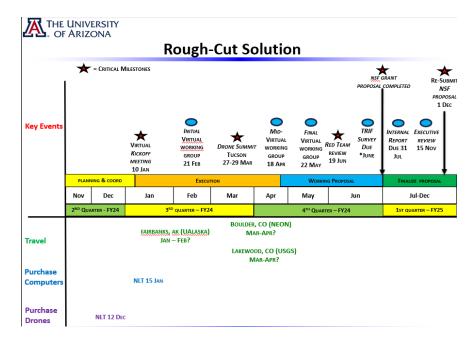
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Rough-Cut Solution Examples



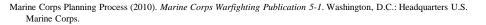




Solution Development Brief Agenda Example

- Use In-Progress Reviews to refine solution
- Inputs Reviewed
- Orientation (Map of key locations, travel locations, stakeholder locations, partner locations...)
- Mission Statement
- Organizational Chart (showing direct, coordination, and administrative relationships)
- Plan of Action & Milestones
- Schedule of Events
- Key Metrics
- Objectives & Tasks (Key Results)
- Planning Horizon
- Overall Risk Assessment
- Questions & Discussion



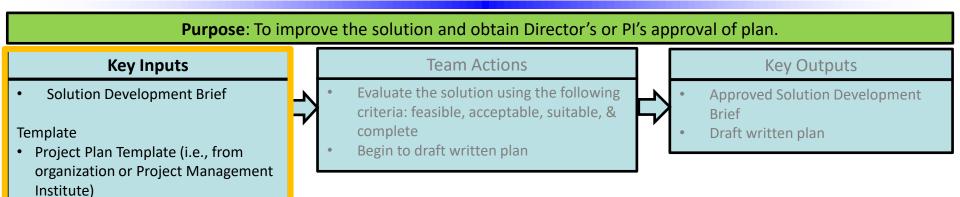


Step 3: Evaluate Solution



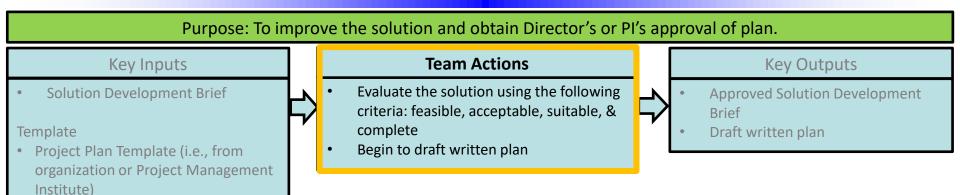


Planning Process Step Three: Evaluate Solution



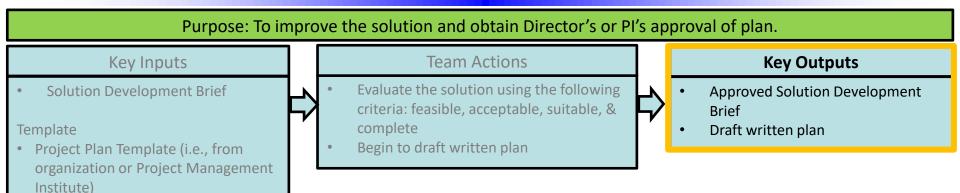


Planning Process Step Three: Evaluate Solution





Planning Process Step Three: Evaluate Solution

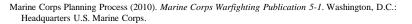




Evaluation Criteria

- **Feasible**: Does the solution accomplish the mission within the available time and resources (budget, people, equipment, software, applications, required training)?
- **Acceptable**: Is the solution delivering an acceptable return on investment which is proportional and worth the cost in time and resources to accomplish mission?
- **Complete**: Does the solution identify the tasks (key results) required to accomplish the mission? Does the solution identify risks and how to mitigate identified risks?
- **Suitable**: Does the solution achieve the overall mission with alignment to the principal investigator's guidance or director's guidance?





Step 4: Develop Written Plan





Planning Process Step Four: Develop Written Plan

Purpose: To publish the final written plan to acknowledge the Director's or PI's approval of plan. Team Actions **Key Outputs Key Inputs** Conduct a reconciliation (internal process Approved detailed written plan Approved Solution Development where the team conducts a detailed Brief review of the input documents) Draft written plan Conduct a crosswalk (alignment with internal and/or external strategic plans, rules, policies, & regulations) Final revisions to solution Final revisions to budget



Planning Process Step Four: Develop Written Plan

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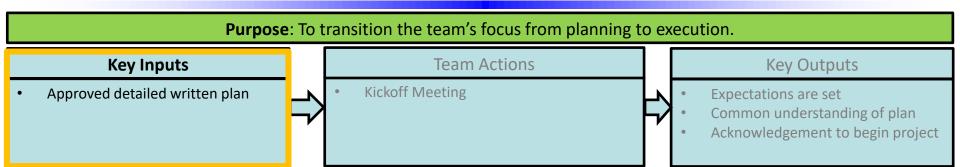


Step 5: Transition



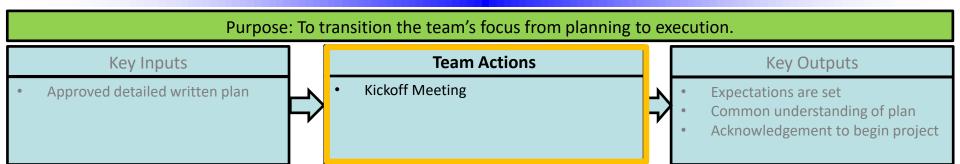


Planning Process Step Five: Transition

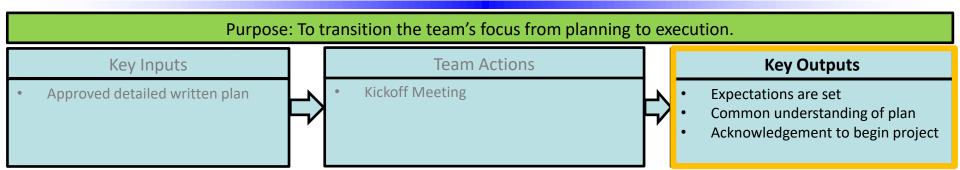




Planning Process Step Five: Transition



Planning Process Step Five: Transition





Transition Techniques

Most effective if stakeholders, project management team, and project team members participate in the Kickoff Meeting

Use Solution Development Brief

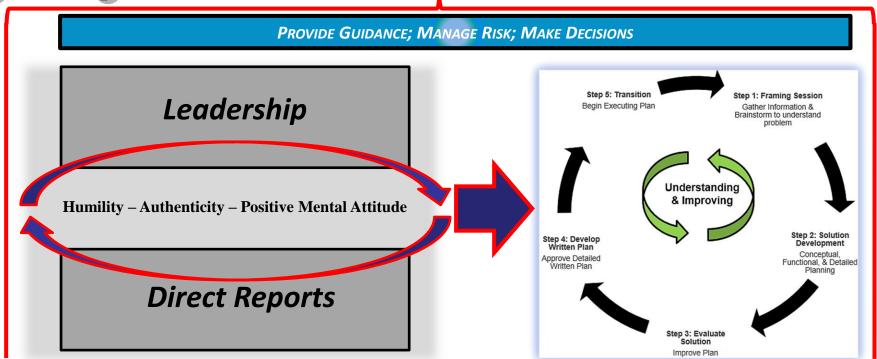
Use Written Plan



Scope Quality Time

Planning Where You Are

Communication, Cooperation, Collaboration, & Critical Thinking





Key Takeaways

Leadership is responsible for creating a **healthy work environment & culture** for a team to cooperate, collaborate, & critically think.

Leadership & team members must take ownership of their contributions in planning.

Planning does not think for you.

Understanding the problem & improving the plan is a continuous cycle.



Questions & Discussion



