

Topics

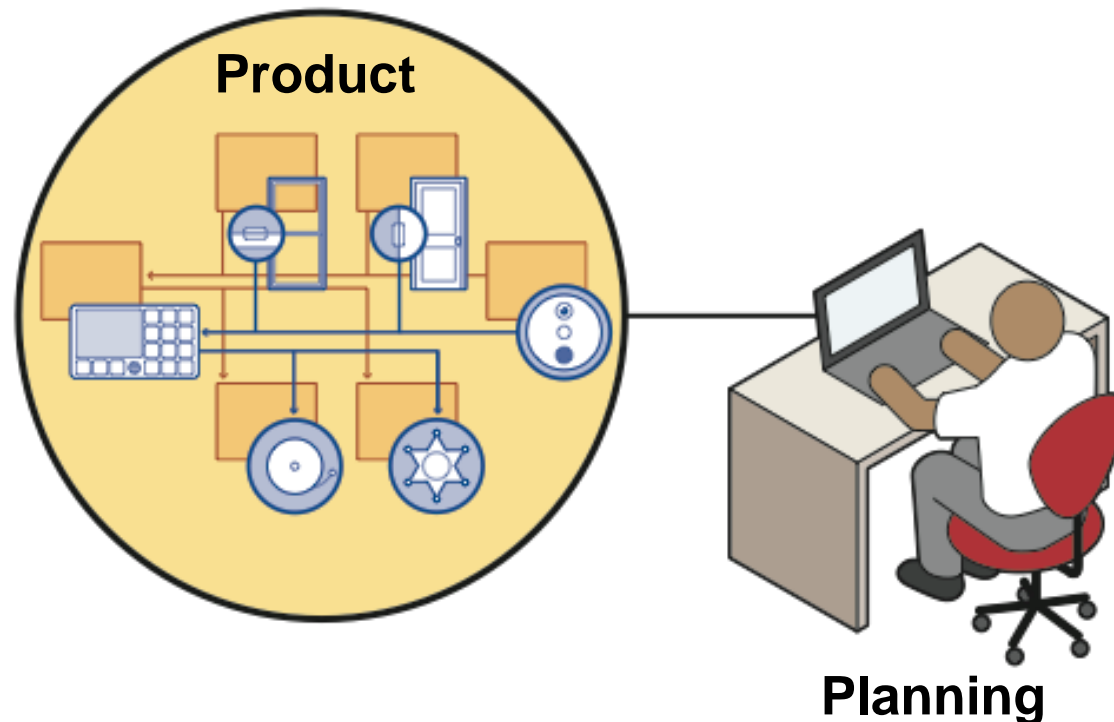
- Managing the Project Process Areas
- Project Planning (PP)
- Project Monitoring and Control (PMC)
- Risk Management (RSKM)
- Supplier Agreement Management (SAM)
- Managing the Project Summary

Project Planning (PP)

A Project Management Process Area at Maturity Level 2

Purpose

Establish and maintain plans that define project activities.



Relevant Terminology

Project

A managed set of interrelated activities and resources, including people, that delivers one or more products or services to a customer or end user

A project has an intended beginning (i.e., project startup) and end. Projects typically operate according to a plan. Such a plan is frequently documented and specifies what is to be delivered or implemented, the resources and funds to be used, the work to be done, and a schedule for doing the work. A project can be composed of projects.

In some contexts, the term “program” is used to refer to a project.

Work breakdown structure (WBS)

An arrangement of work elements and their relationship to each other and to the end product or service

When Project Planning Is Not Done Well...

Estimates of project attributes are inaccurate.

It is difficult to identify deviations from poorly documented plans.

Resources are not available/applied when needed.

Future projects cannot learn from completed projects because there are no lessons learned.

Project Planning Goals

SG 1

Establish Estimates

Estimates of project planning parameters are established and maintained.

SG 2

Develop a Project Plan

A project plan is established and maintained as the basis for managing the project.

SG 3

Obtain Commitment to the Plan

Commitments to the project plan are established and maintained.

The process area also has generic goals to support institutionalization.

Project Planning Specific Practices -1

SG 1

Establish Estimates

- SP 1.1 Estimate the Scope of the Project
- SP 1.2 Establish Estimates of Work Product and Task Attributes
- SP 1.3 Define Project Lifecycle Phases
- SP 1.4 Estimate Effort and Cost

Project Planning Specific Practices -2

SG 2

Develop a Project Plan

- SP 2.1 Establish the Budget and Schedule
- SP 2.2 Identify Project Risks
- SP 2.3 Plan Data Management
- SP 2.4 Plan the Project's Resources
- SP 2.5 Plan Needed Knowledge and Skills
- SP 2.6 Plan Stakeholder Involvement
- SP 2.7 Establish the Project Plan

Project Planning Specific Practices -3

SG 3

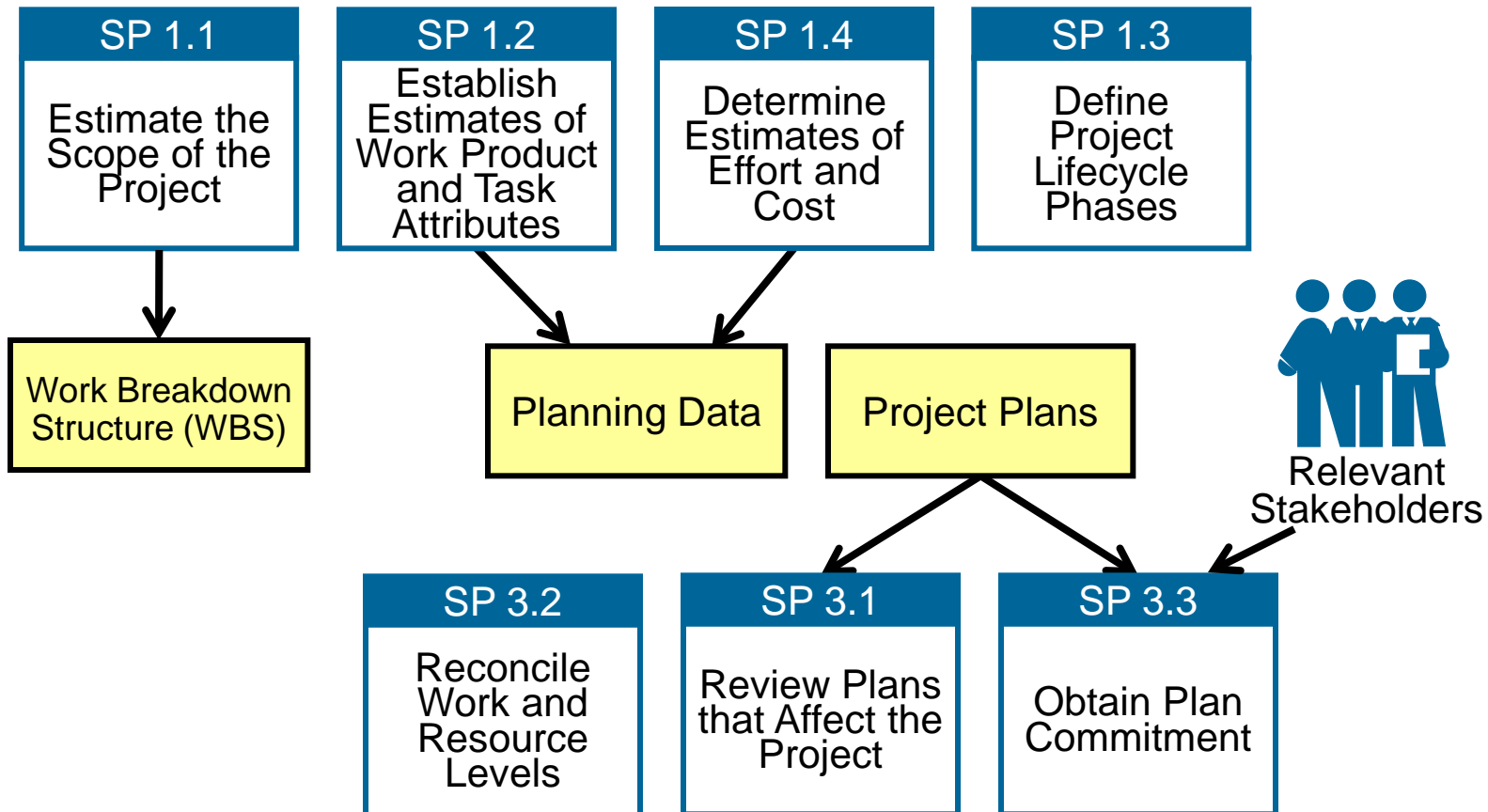
Obtain Commitment to the Plan

SP 3.1 Review Plans That Affect the Project

SP 3.2 Reconcile Work and Resource Levels

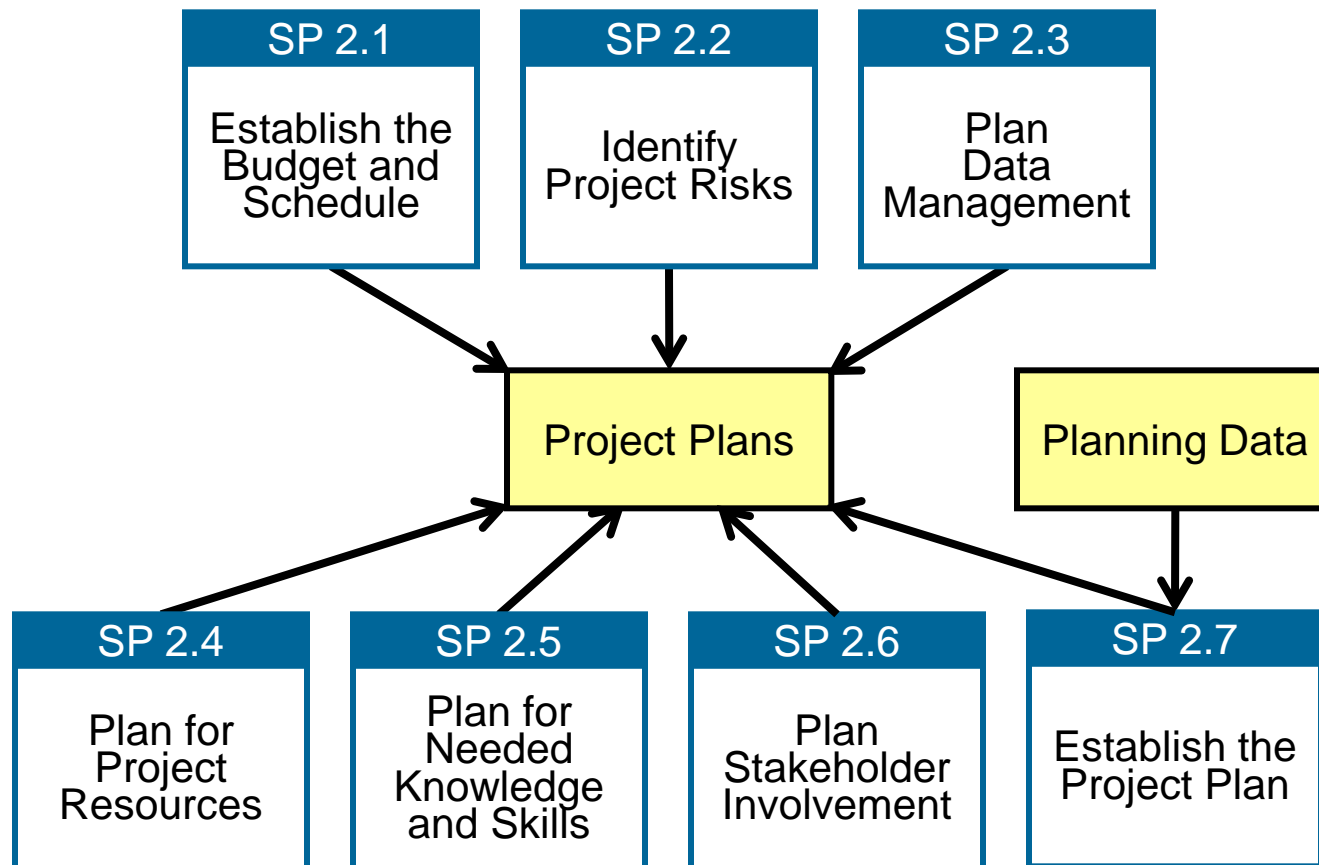
SP 3.3 Obtain Plan Commitment

Project Planning Sampling of Work Products -1



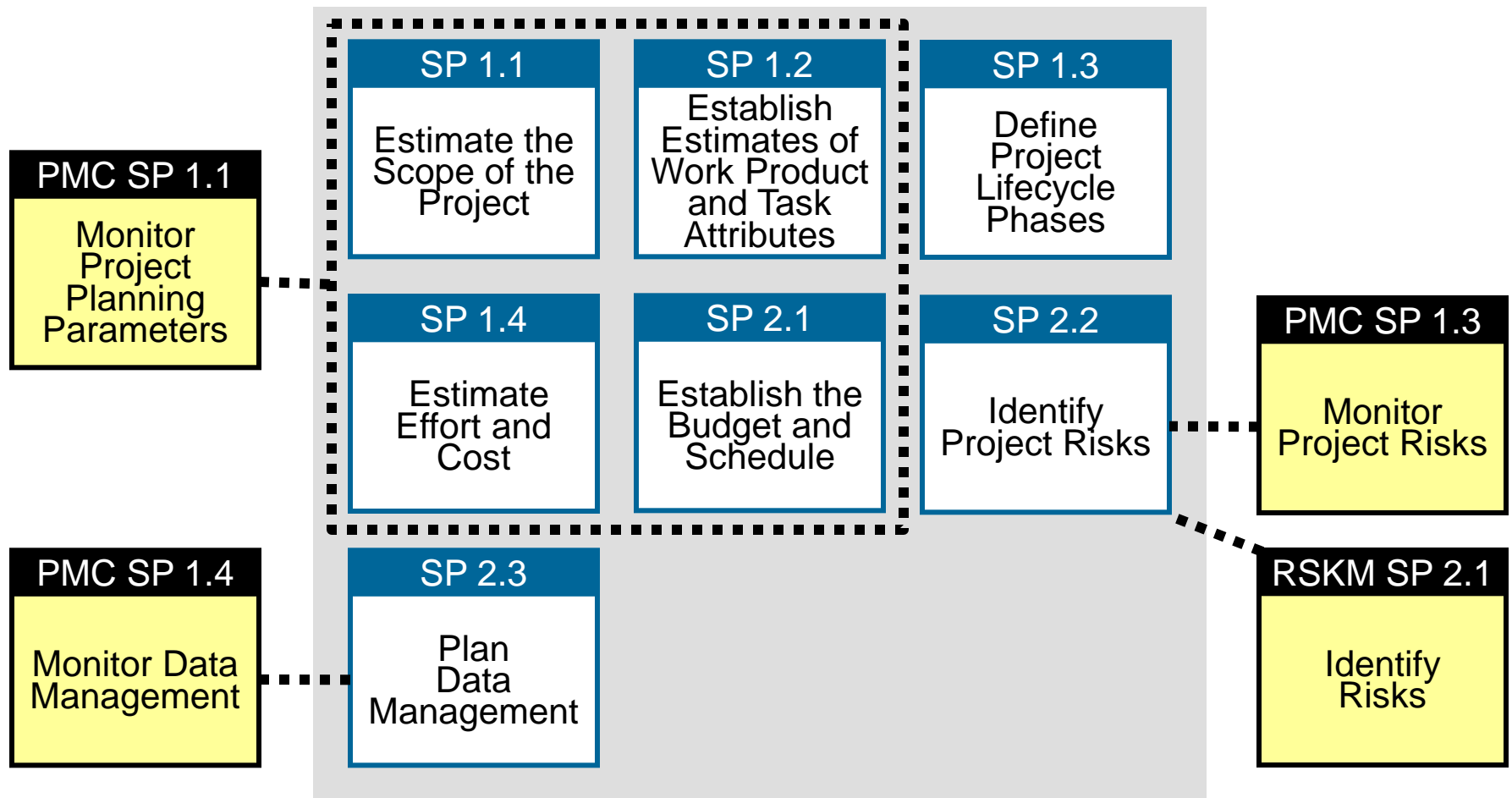
Project Planning

Sampling of Work Products -2



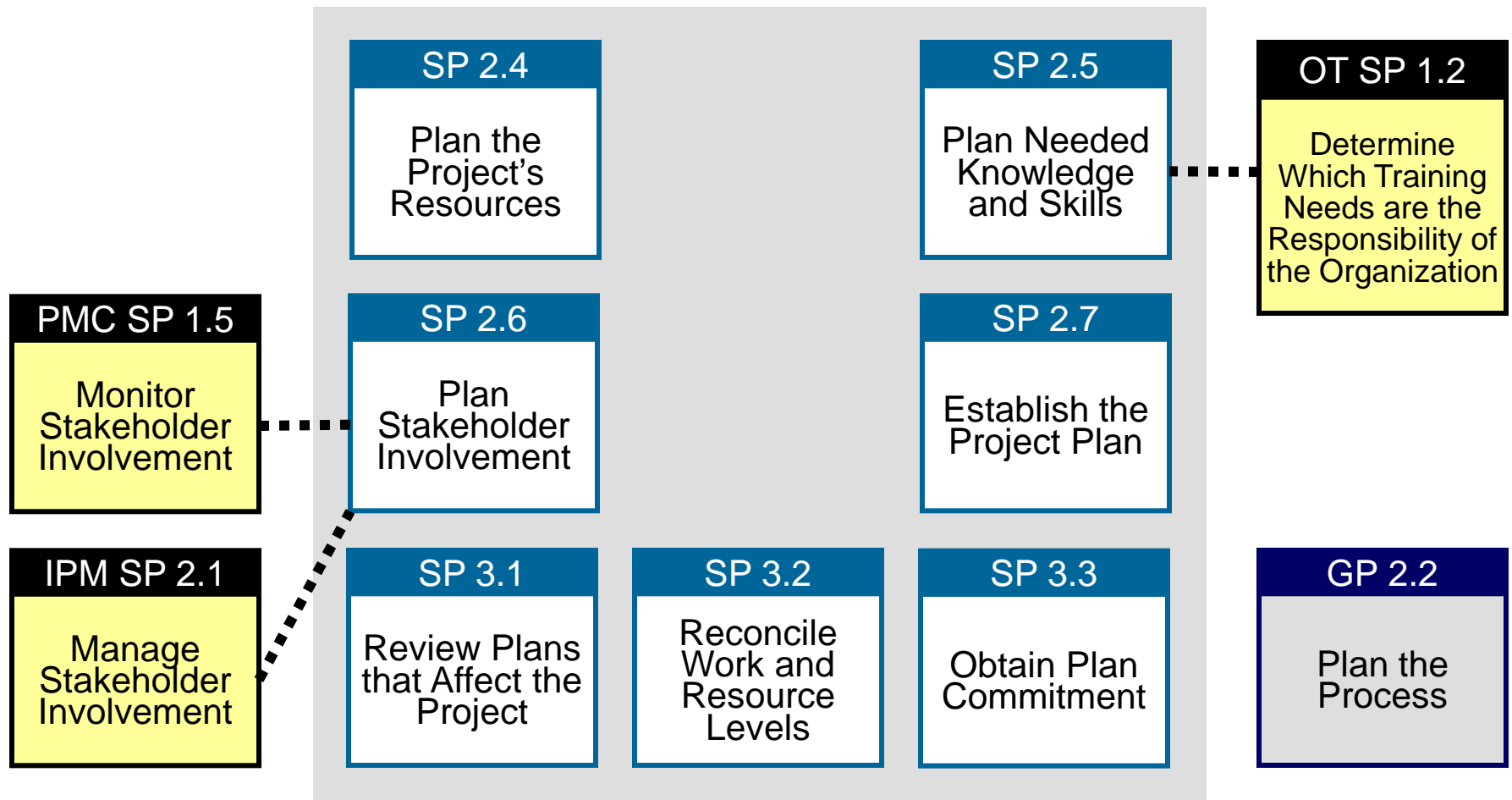
Project Planning

Sampling of PA and GP Relationships -1



Project Planning

Sampling of PA and GP Relationships -2



Project Planning

Case Study Example Focus Area

