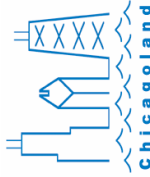
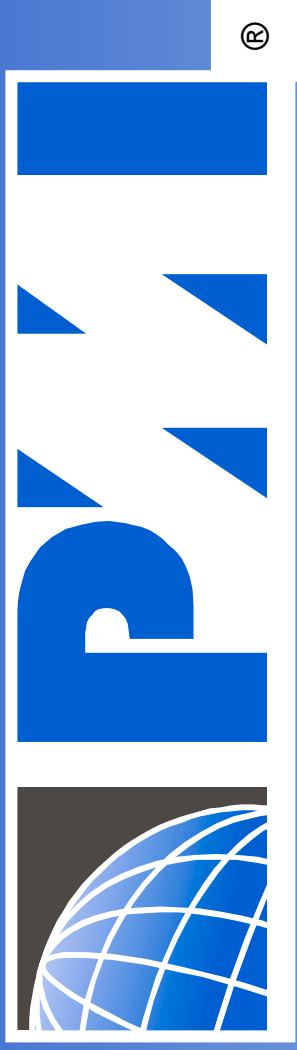


Building Professionalism in Project Management



Project Management Institute – Chicagoland Chapter

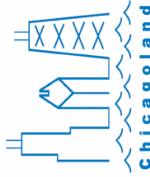
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The Project Management Institute PMI®

- ◆ Who is PMI and the Chicagoland Chapter?
- ◆ Overall definition of the Project Management Body of Knowledge (PMBOKI®) and its components

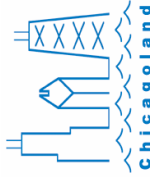
PMI® the Organization

World's leading global not-for-profit professional association for project management knowledge, information and professionalism.



PMI® Today

- ◆ Over 99,000 Members
- ◆ 125 Countries Served
- ◆ 50,000 Members Certified



Certification

- ◆ Professional Certification
- ◆ PMP (Project Management Professional)
- ◆ CAQ
- ◆ CAPM

CAQ Certification

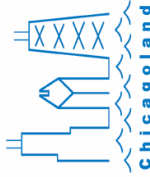
- ◆ Information Technology -
Systems
 - ◆ Domain I Industry Knowledge
 - ◆ Domain II Foundations
 - ◆ Domain III Process Development

PMI® Industries Represented

- ◆ Aerospace
- ◆ Automotive
- ◆ Construction
- ◆ Engineering
- ◆ Pharmaceuticals
- ◆ Business Management
- ◆ Financial Services
- ◆ Information Technology
- ◆ Telecommunications

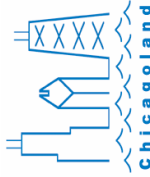
PMI® Components and Chapters

- ◆ 255 Chapters (Chartered and Potential)
- ◆ 36 SIGs - Specific Interest Groups (Chartered and Potential)
- ◆ 2 Colleges (Chartered and Potential)



PMI® Chicagoland Chapter

- ◆ Chartered in 1977
- ◆ Over 2,200 Members
- ◆ Serves Cook, Lake, DuPage, Will, McHenry, Kane Counties



Programs

- ◆ Professional Development
 - ◆ Seminars
 - ◆ Monthly Dinner Meetings
 - ◆ Exam Certification Preparation
- ## Workshops

Maturity Initiative

◆ Organizational Project Management Maturity Model (OPM3)

- ◆ To create a widely and enthusiastically endorsed maturity model that is recognized worldwide as the standard for developing and assessing project management capabilities within any organization.

Project Life Cycle

Projects, which are unique undertakings involving a certain degree of uncertainty, are organized by phases for management control and linkage to current operations.

Project Life Cycle

Collectively phases are known as a Project Life Cycle

- ◆ Feasibility
- ◆ Planning and Design
- ◆ Construction
- ◆ Turnover and Startup

A Guide to the Project Management Body of Knowledge (PMBOK®)

- ◆ Not quite the sum of knowledge within the profession of project management
- ◆ Generally accepted knowledge and practices applicable to most projects most of the time
- ◆ Not applied uniformly on all projects – organizational responsibility and culture

Types of Project Processes

- ◆ Product oriented processes
- ◆ Project phases collectively known as the Project Life Cycle
- ◆ Detailed approaches known as Project Methodologies
- ◆ Project [Management] oriented processes
- ◆ Thirty-nine process organized into nine knowledge areas and five process groups

Process Groups

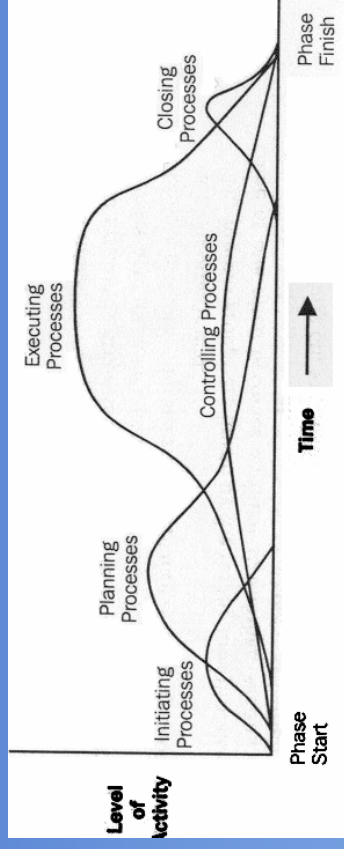
- ◆ Initiating – authorizing the project or phase
- ◆ Planning – defining and redefining objectives and selecting the best of alternative courses of actions to attain the objectives that the project was undertaken to address
- ◆ Executing – coordinating people and other resources to carry out the plan

Process Groups

- ◆ Controlling – ensuring that project objectives are met by monitoring and measuring progress regularly to identify variances from plan so that corrective action can be taken
- ◆ Closing – formalizing acceptance of the project or phase and bringing an orderly end to it

When Process Groups are Used

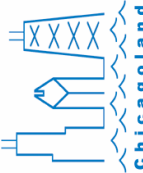
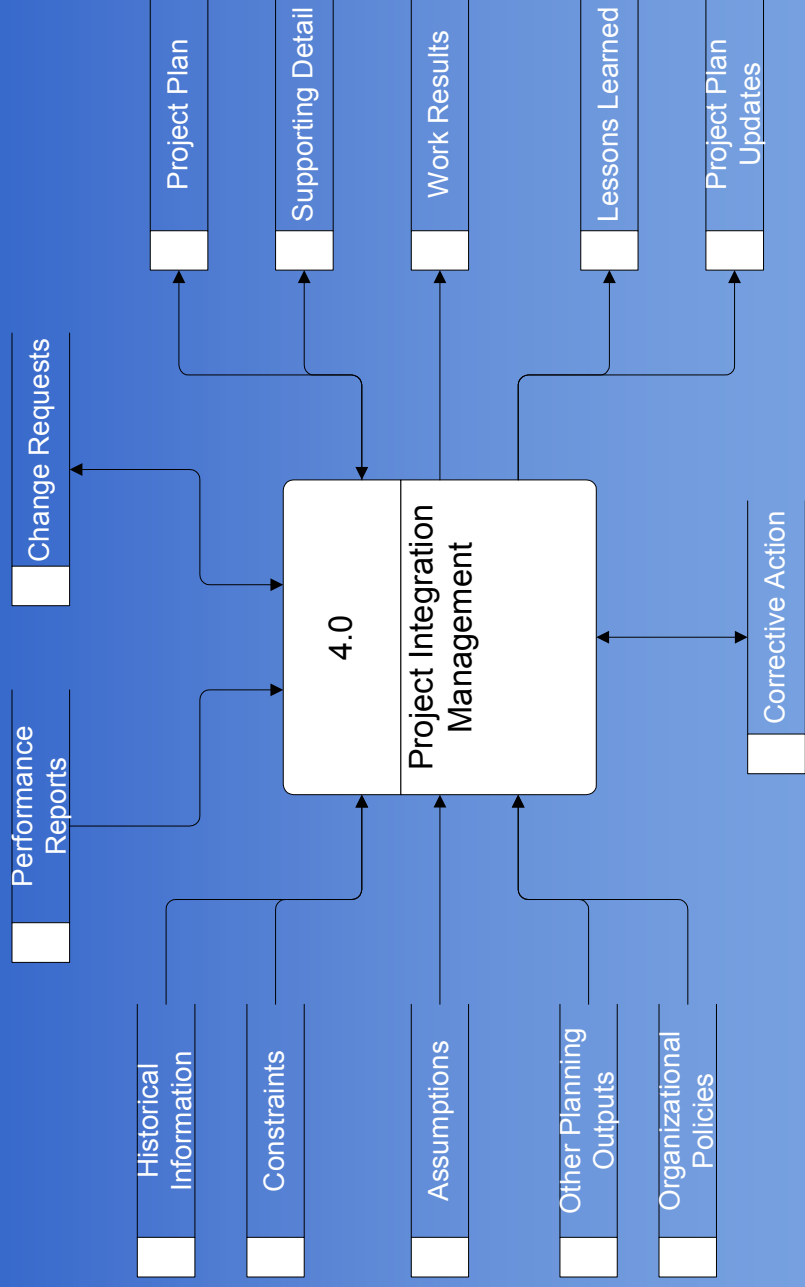
- ◆ Process Groups overlap within each project phase
- ◆ Each Project Phase includes the total set of Process Groups



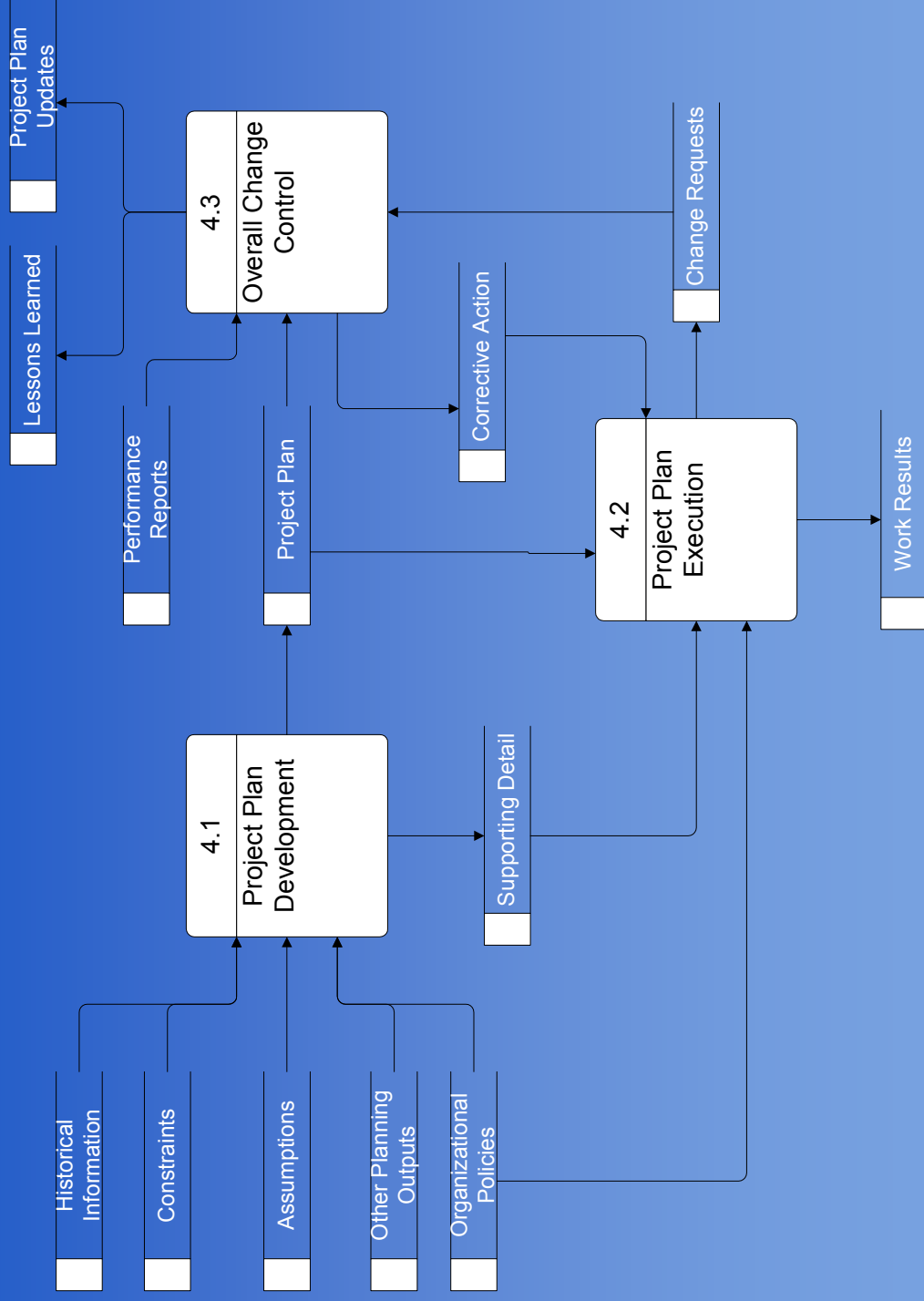
Waterfall vs. Iterative

- ◆ Rational Unified Process (RUP™)
 - ◆ Requirements not frozen in time – waterfall approach inappropriate
- ◆ PMI – Progressive elaboration
 - ◆ “...characteristics that distinguish the product...must be progressively elaborated.”
- ◆ Project Management Process Groups are iterative

Knowledge Area Model



Knowledge Area Model



Knowledge Areas

- ◆ **Project Integration Management**
 - ◆ Processes required to ensure that the various elements of the project are properly coordinated. It involves making tradeoffs among competing objectives and alternatives to meet or exceed stakeholder expectations.
 - ◆ Three processes
 - ◆ Sample output is the Project Plan

Knowledge Areas

- ◆ **Project Scope Management**
 - ◆ Processes required to ensure that the project includes all the work required, and only the work required, to complete the project successfully.
 - ◆ Five processes
 - ◆ Sample output is the Work Breakdown Structure (WBS)

Knowledge Areas

- ◆ **Project Time Management**
 - ◆ Processes required to ensure timely completion of the project.
 - ◆ Five processes
- ◆ **Sample outputs include the Project Network Diagrams and the Project Schedule**

Knowledge Areas

- ◆ **Project Cost Management**
 - ◆ Processes required to ensure that the project is completed within the approved budget.
 - ◆ Four processes
 - ◆ Sample output is the Project Budget.

Knowledge Areas

- ◆ **Project Quality Management**
 - ◆ Processes required to ensure that the project will satisfy the needs for which it was undertaken.
 - ◆ Three process
 - ◆ Sample output is quality improvement.

Knowledge Areas

- ◆ **Project Human Resource Management**
 - ◆ Processes required to make the most effective use of the people involved with the project (all stakeholders).
 - ◆ Three process
 - ◆ Sample output is an Organizational Chart.

Knowledge Areas

- ◆ **Project Communications Management**
 - ◆ Processes required to ensure timely and appropriate generation, collection, dissemination, storage, and ultimate disposition of project information.
 - ◆ Four process
 - ◆ Sample output are Change Requests.

Knowledge Areas

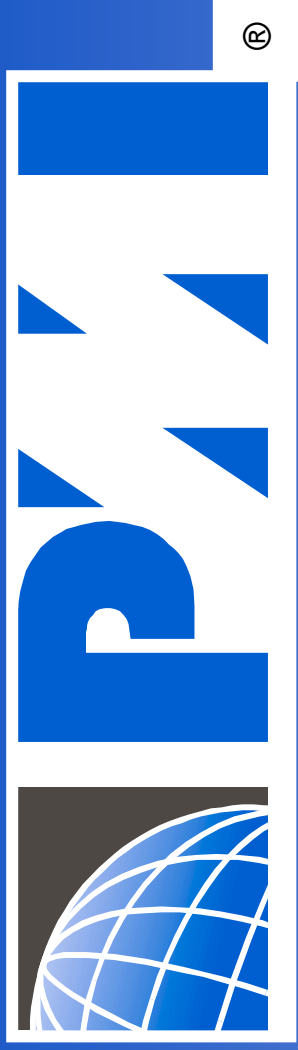
- ◆ **Project Risk Management**
 - ◆ Systematic process of identifying, analyzing, and responding to project risk.
 - ◆ Six process
 - ◆ Sample output are Corrective Actions.

Knowledge Areas

- ◆ **Project Procurement Management**
 - ◆ Processes required to acquire goods and services, to attain project scope, from outside the performing organization.
 - ◆ Six process
 - ◆ Sample output include Proposals and Contracts.

Summary

- ◆ **PMI is the Project Management Professional's Organization of Choice**
- ◆ **The Project Management Body of Knowledge is useful in managing any type of project regardless of industry.**

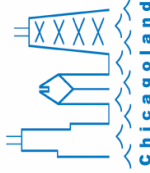


Project Management Institute Chicagoland Chapter

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