



# Navigating a New Decade: A New Era of Efficiency

Project Management Integration includes all the processes and activities needed to unify and coordinate various processes and activities within Project Management Process Groups. In a new era of efficiency, is there a way to navigate through all of these processes without causing your project to capsize? Looking at the process from an I.T. perspective.



# Project Integration Management





# Project Integration Management

- ▶ Do we continue to manage our projects the way we do because “*that’s the way it’s always been done*”?

# Project Integration Management

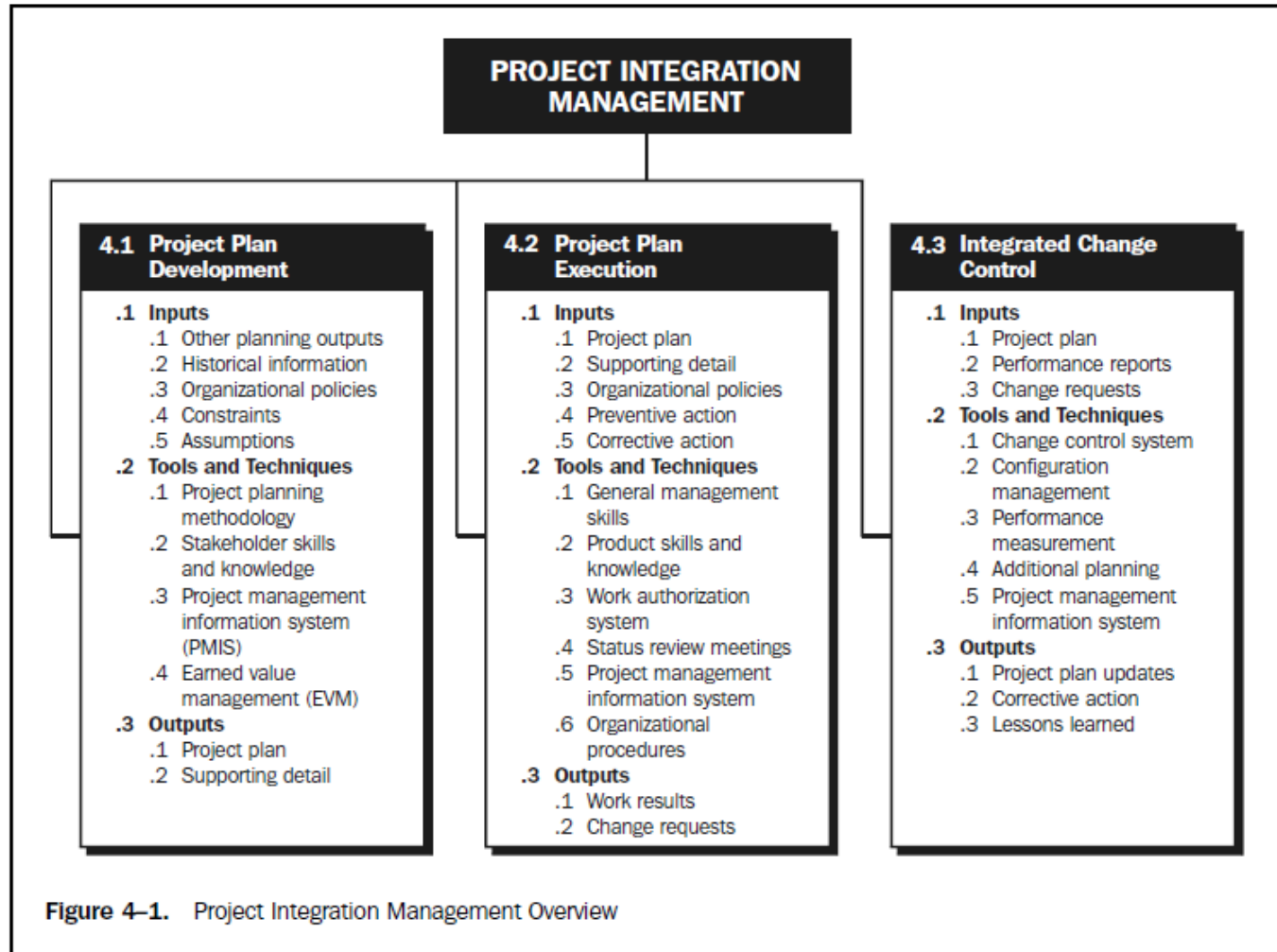
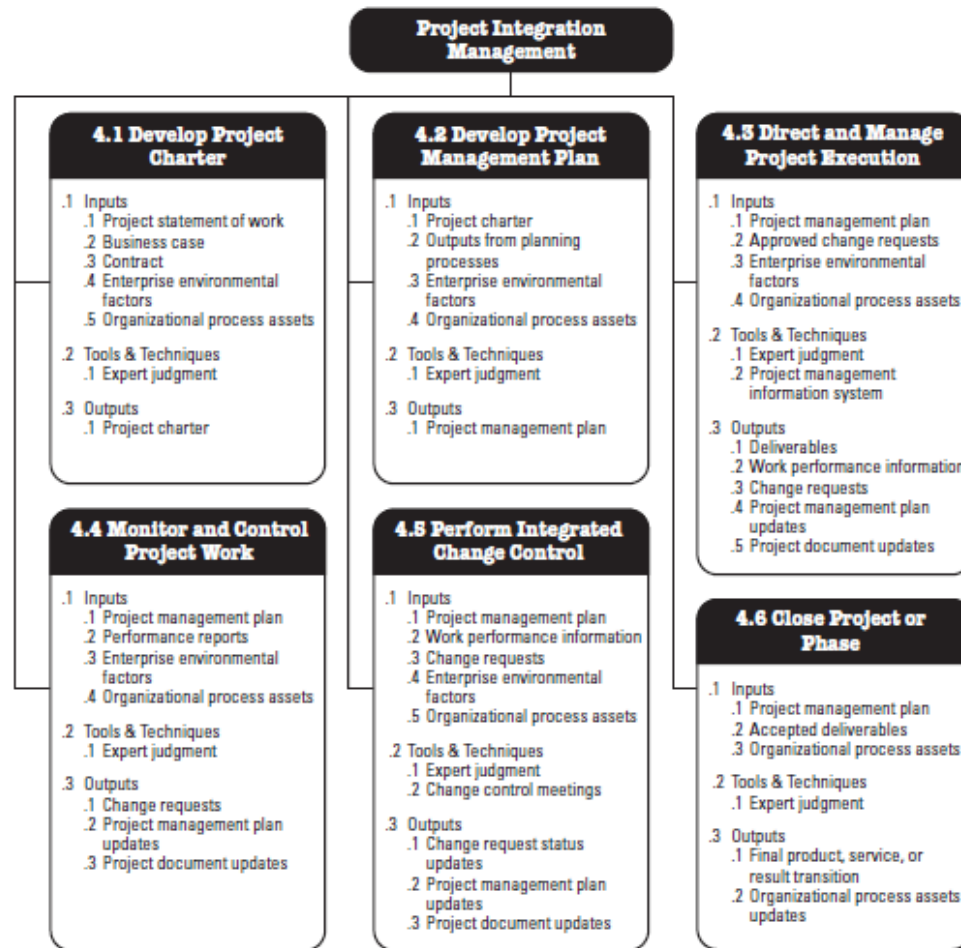


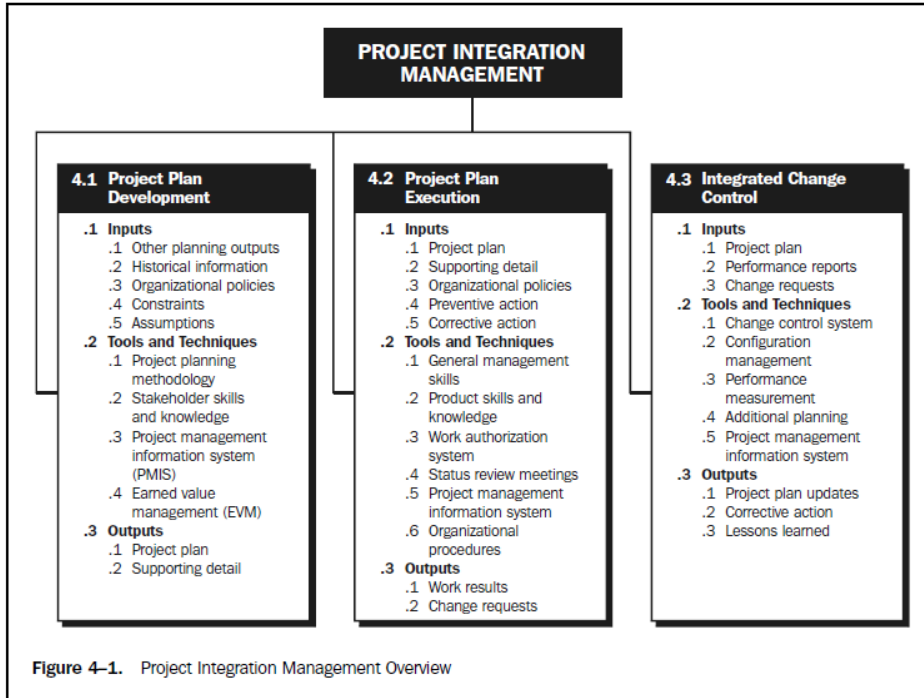
Figure 4-1. Project Integration Management Overview

# Project Integration Management

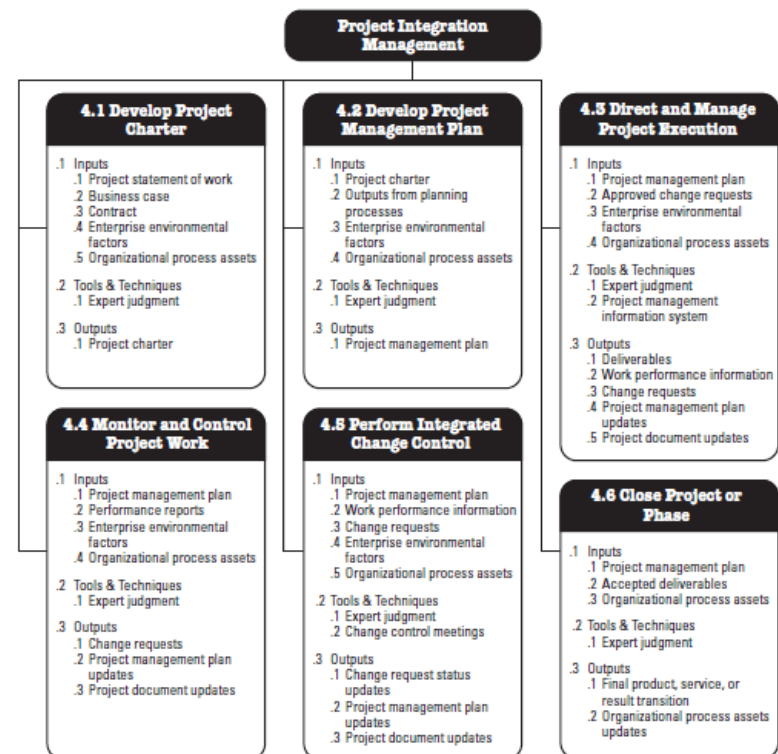


# Project Integration Management

2<sup>nd</sup> Edition



4th Edition





# Project Integration Management

- ▶ Ask yourself:
  - Do I update my methods?
  - What benefit is there to updating?
  - Who is going to be doing more work?



# Project Integration Management

- ▶ ef·fi·cient *adj* \i-'fi-shənt\
  - ▶ Definition of ***EFFICIENT***
  - ▶ 1: being or involving the immediate agent in producing an effect <the *efficient* action of heat in changing water to steam>
  - ▶ 2: *productive of desired effects; especially : productive without waste* <an *efficient* worker>
- ▶ — ef·fi·cient·ly *adverb*



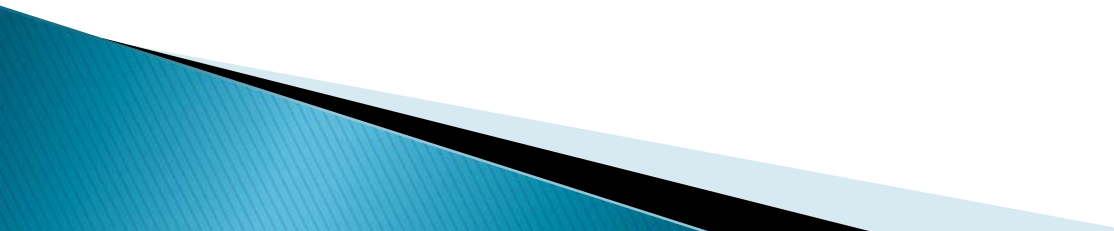


# Project Integration Management

- ▶ Cutting through the B.S.
- ▶ *I mean: Bureaucracy Syndrome*

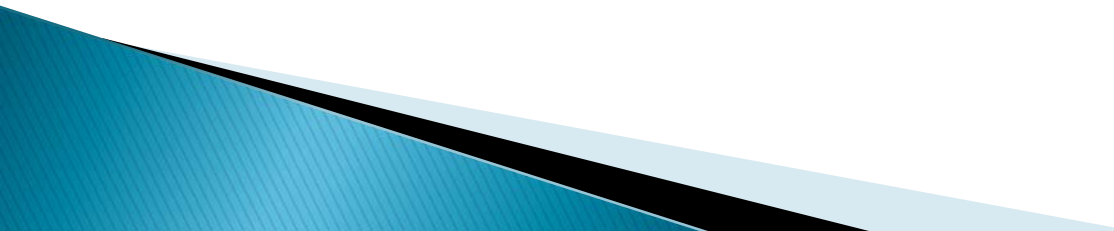


# Project Integration Management

- ▶ Agile Programming Method
    - Pros:
      - Offers quick turnaround on projects
      - Incremental (phased) approach to large projects
      - Less overhead
      - Produces functioning code faster
    - Cons
      - Needs mature/established business relationships
      - Customer collaboration essential
      - Responds to changes instead of adhering to plans
      - Projects built around motivated/trusted individuals
- 



# Project Integration Management

- ▶ Agile Manifesto
  - ▶ We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:
    - **Individuals and interactions** over processes and tools
    - **Working software** over comprehensive documentation
    - **Customer collaboration** over contract negotiation
    - **Responding to change** over following a plan
  - ▶ That is, while there is value in the items on the right, we value the items on **the left more**.
- 



# Project Integration Management

- ▶ Twelve principles underlie the Agile Manifesto, including:
  - Customer satisfaction by rapid delivery of useful software
  - Working software is delivered frequently (weeks rather than months)
  - Working software is the principal measure of progress
  - Even late changes in requirements are welcome
  - ★ Close, daily cooperation between businesspeople and developers
    - Face-to-face conversation is the best form of communication (co-location)
    - Projects are built around motivated individuals, who should be trusted
  - ★ Continuous attention to technical excellence and good design
    - Simplicity
    - Self-organizing teams
  - ★ Regular adaptation to changing circumstances



# Project Integration Management

## Example of Agile Programming Method

- ▶ NuSkin IT Commissions Team
- ▶ NuSkin Commissions Management Teams
  - Commissions Development
  - Commissions Process



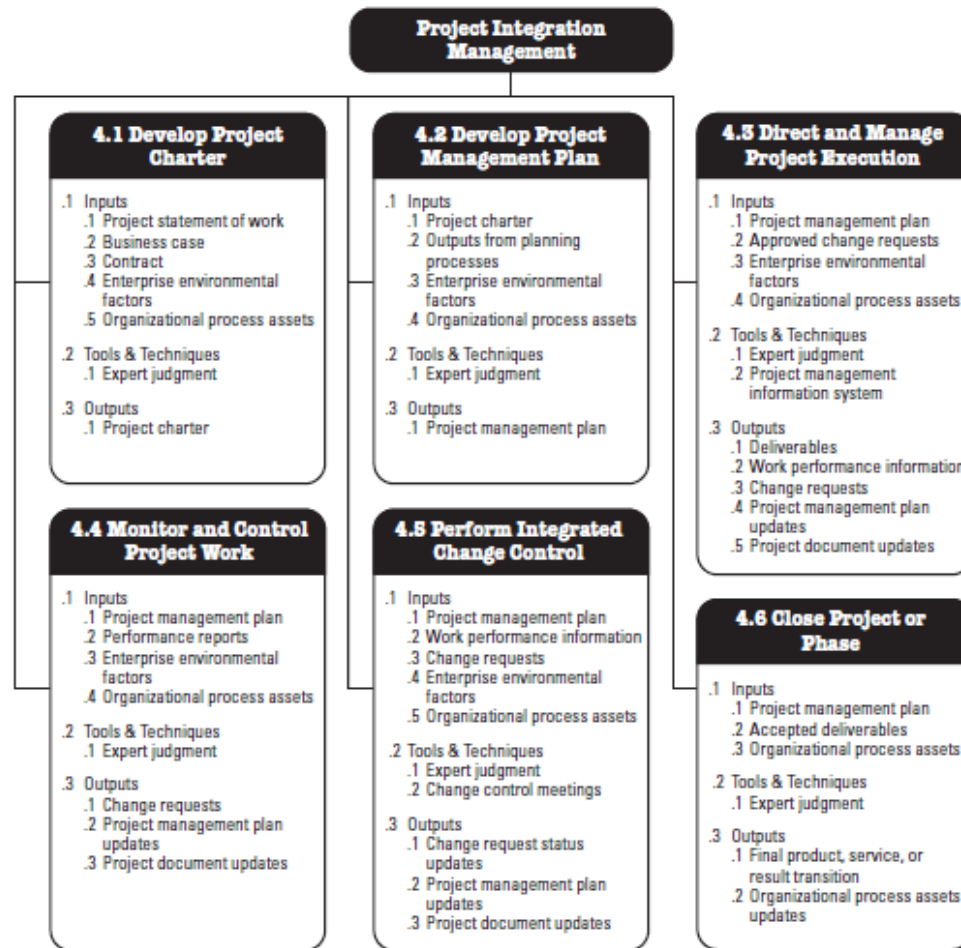
# Project Integration Management

- ▶ Is it better for an IT organization to adopt Agile Methods or

stay with formal Project Management?

**Wait, don't answer yet!**

# Project Integration Management





# Project Integration Management

## Develop Project Charter

### Inputs:

Project Statement of work

Business Case

Contract

Enterprise Environmental Factors

Organizational process assets

### Tools & Techniques:

Expert Judgment

### Outputs:

Project Charter





# Project Integration Management

## Develop Project Management Plan

### Inputs:

Project Charter

Outputs from Planning processes

Enterprise Environmental Factors

Organizational process assets

### Tools & Techniques:

Expert Judgment

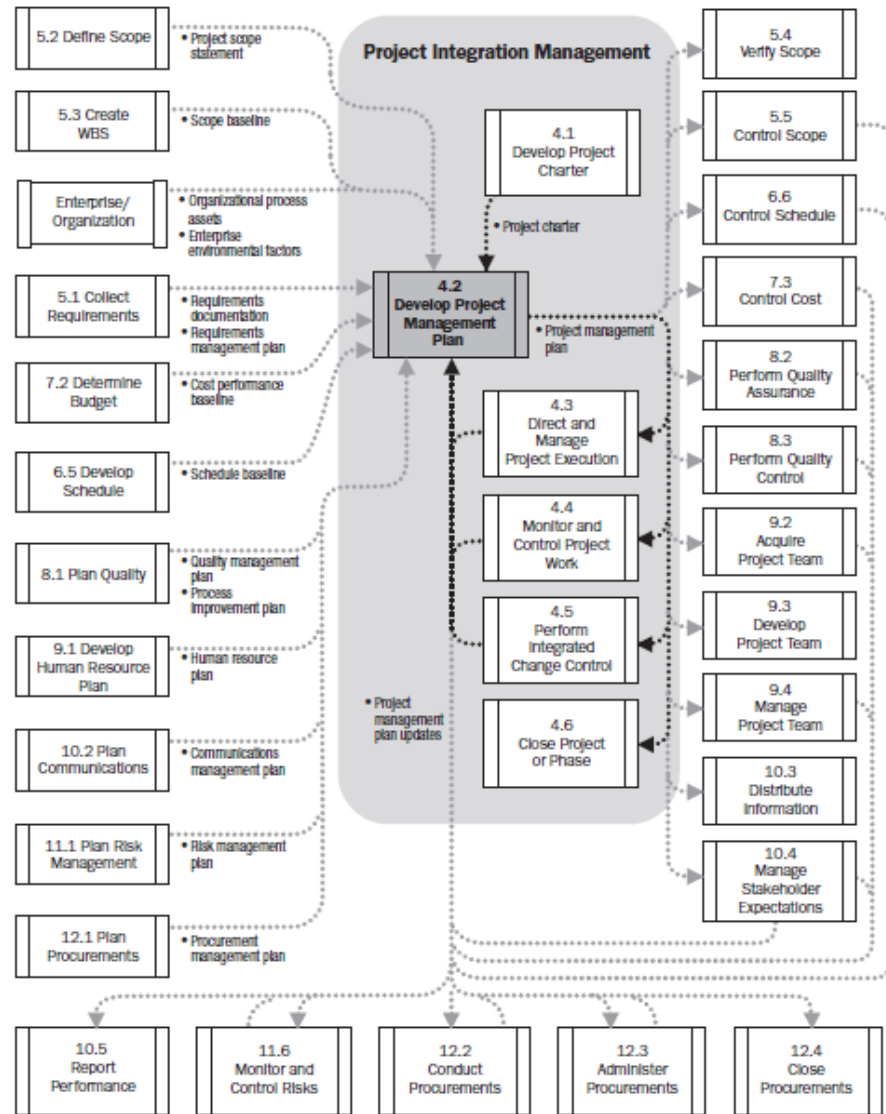
### Outputs:

Project Management Plan



# Project Integration Management

Outputs from planning process





# Project Integration Management

Direct and Manage Project Execution

Inputs:

- Project management Plan

- Approved Change Requests

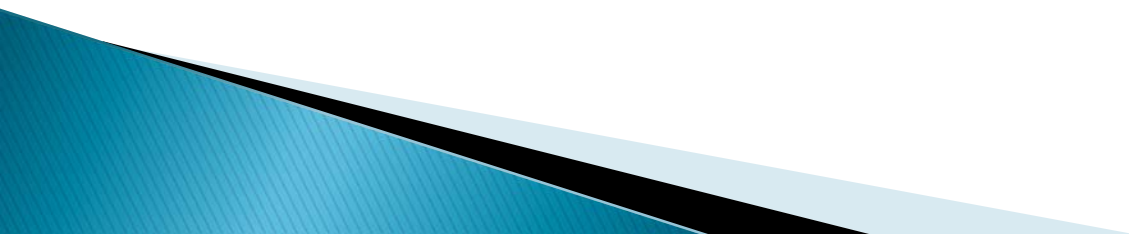
- Enterprise Environmental Factors

- Organizational process assets

Tools & Techniques:

- Expert Judgment

- Project Management Information System





# Project Integration Management

Direct and Manage Project Execution

Outputs:

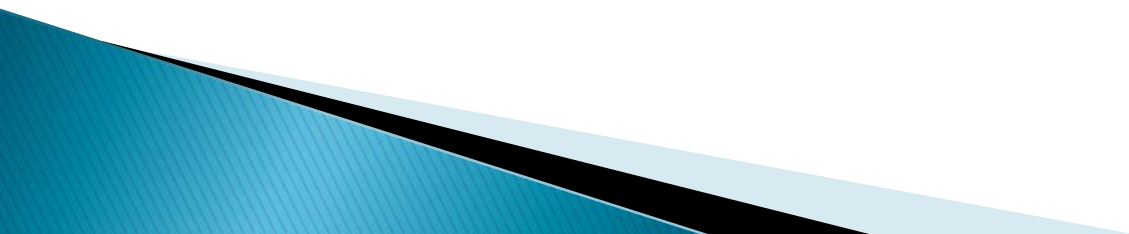
- Deliverables

- Work performance information

- Change requests

- Project Management Plan updates

- Project Document updates





# Project Integration Management

Monitor and Control Project Work

Inputs:

- Project management Plan

- Performance Reports

- Enterprise Environmental Factors

- Organizational process assets

Tools & Techniques:

- Expert Judgment

Outputs:

- Change requests

- Project Management Plan updates

- Project Document updates



# Project Integration Management

Perform Integrated Change Control

Inputs:

- Project management Plan

- Work Performance Information

- Change Requests

- Enterprise Environmental Factors

- Organizational process assets

Tools & Techniques:

- Expert Judgment

- Change Control Meetings



# Project Integration Management

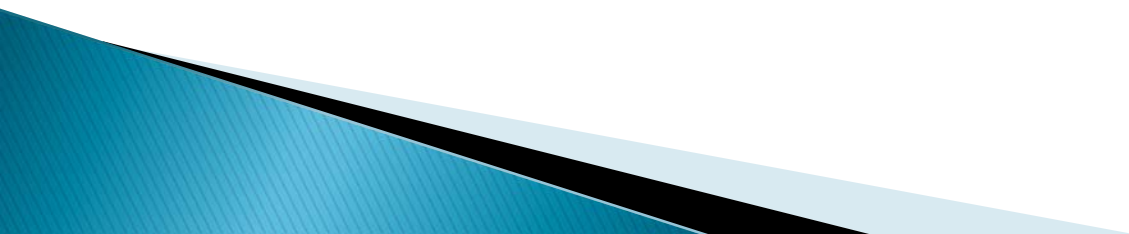
Perform Integrated Change Control

Outputs:

- Change request status updates

- Project Management Plan updates

- Project Document updates





# Project Integration Management

## Close Project or Phase

### Inputs:

- Project management Plan
- Accepted deliverables
- Organizational process assets

### Tools & Techniques:

- Expert Judgment

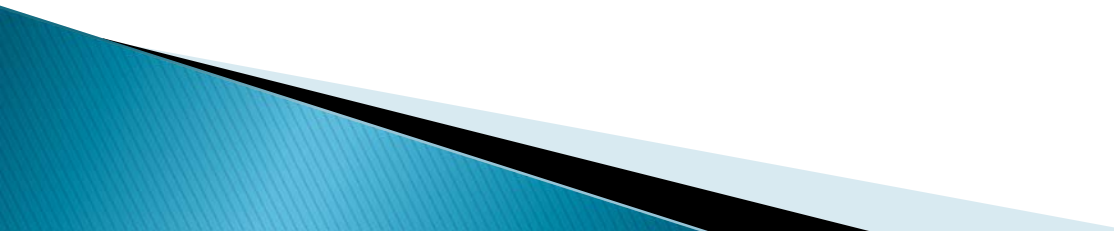
### Outputs:

- Final product, service, or result transition
- Organizational process assets updates



# Project Integration Management

In closing: use all the tools available to you to be able to monitor and work more efficiently. Efficiency does not always mean less work, but better, focused work.





# Questions?

