



## **MP01: Projects - Concepts, Types, Cases Context and Organization**

**Different project types and why is it  
important to know**

# Contents



**1**

**Short Term vs. Long Term Projects**

**2**

**Large, Medium and Small Projects**

**3**

**Classification of projects by type and area**

**4**

**Sequential vs. Parallel Projects**

**5**

**External vs. Internal Projects**

**6**

**Why is it important to know different project types?**

# Short Term vs. Long Term Projects



## Definition

A project is considered to be Short Term if it could be concluded during a year; and Long Term if it could take more than a year.

## Different Features with respect to following factors:

Duration



Phases' Time



Dependency of Phases



Financing Required



Monitoring and Controlling



Punctuality



Risk Management Techniques/Evaluation



# Examples of Short Term and Long Term Projects



## Short Term

- Bridge Demolition
- Relief Aid to Natural Disaster Areas, or for wounded soldiers
- Rob a bank
- Shooting a Documentary or a Photo-shoot
- Assassination
- Buying/ selling a Car/ house

## Long Term

- Running a political movement/election campaign
- Construction of Mega Structures/Dams/bridges/Sky Scrapers/Cities e.g. Sydney Opera (Jan 1970-Okt 1973)
- Development of Complex Medicines' Formulae/ Pharmaceuticals
- Insurance Claim

# Large, Medium and Small Projects



The Projects are categorized as Large, Medium and Small on the basis of the following:

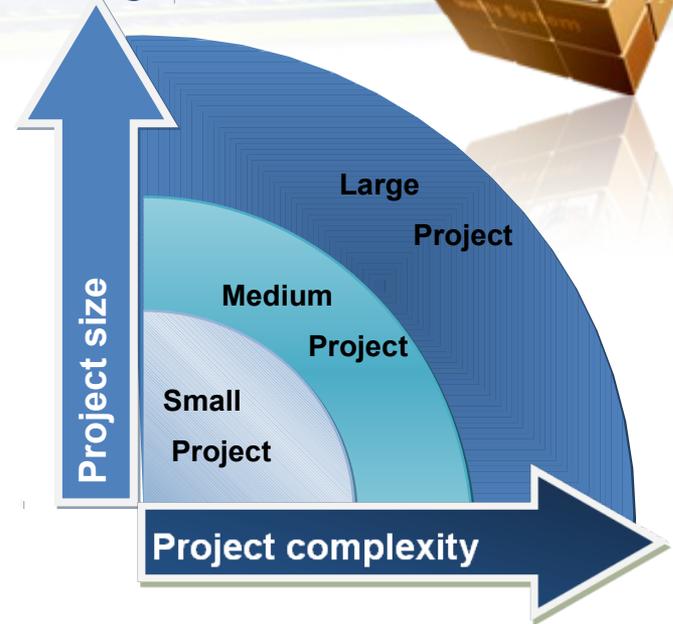
- 1 Total financial resources available
- 2 Number of team members involved
- 3 Number and size of deliverables to be produced
- 4 Complexity of deliverables to be produced
- 5 Timeframes involved in delivery

# Large, Medium and Small Projects



How the Project category is determined and what activities are done within each phases in each categories?

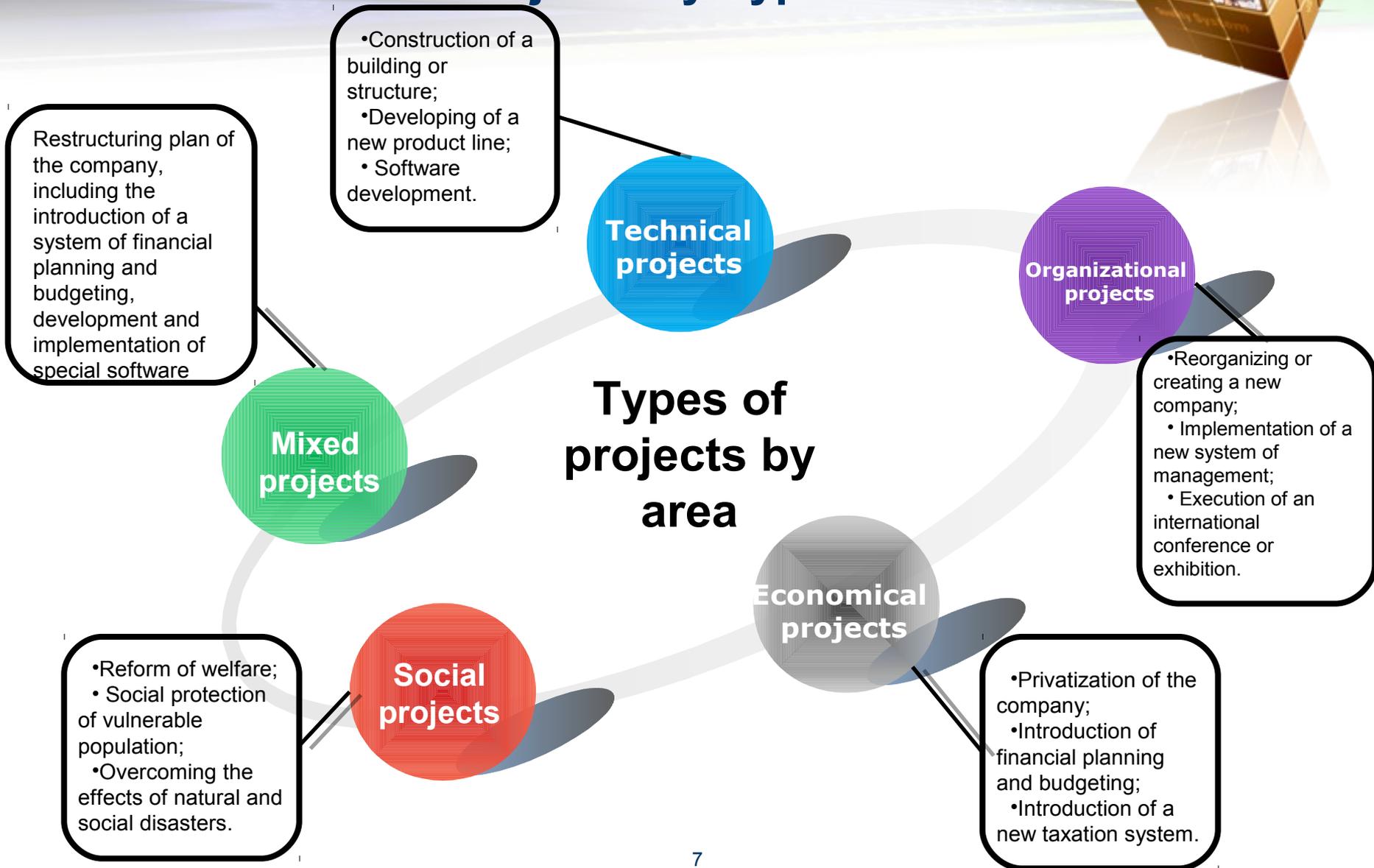
- Project size
- Project complexity



Source: <http://www.mppm.com/project-sizes.php>

Phases	Large Project	Medium Project	Small Project
Initiation	Establish Terms of Reference	Develop a Business Case	Develop a Business Case
Planning	Create a Project Plan	Create a Project Plan	Create a Project Plan
Execution	Build Deliverables	Build Deliverables	Build Deliverables
Closure	Review Project Completion	Review Project Completion	Undertake Post-Implementation Review

# Classification of Projects by Type and Area

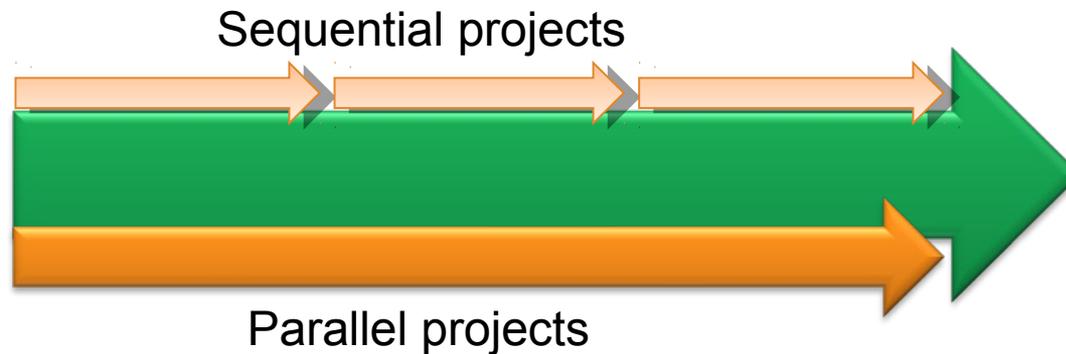


# Sequential vs. Parallel Projects



There are two main types according to the workflow management of the projects.

- **Sequential projects:** Task should be done in a specific order.
- **Parallel projects:** Tasks can be done in any order.



# Sequential vs. Parallel Projects



## Sequential Projects Features

- Not able to solve problems in late process
- Waste of time for product development projects
- Dissatisfaction of the customer
- Not so much flexible
- Problem in complex design issues
- Every step will be monitored

Ex: Building a house

## Parallel Projects Features

- Short time frame
- No acceptance of errors in critical steps
- Task management of the staff is important
- Challenges of the project manager
- Critical steps should be defined in depth

Ex: Studying for lectures

# Internal Projects vs. External Projects



## Internal project

Optimization of organizational processes  
To support external projects in general.

### ► Examples:

- Upgrading the company's IT infrastructure
- Essentially any endeavor that will enhance the day-to-day activity of the company

### ► Problems associated with internal projects:

Internal projects are never as stable as projects run for external customers

## External project

On behalf of the external clients.  
Usually well-planned, well-thought out, and well-funded.  
Client oriented projects.

### ► Examples:

- Developing accounting software designed specifically for another company.
- Installing a prepaid system for a mobile carrier.

# Why is it important to know different project types?



- ❖ **Strategic Planning and Project Objectives**
- ❖ **Identification of People**
  - Project Sponsor
  - Team Selection
  - Stakeholders
  - project Manager
- ❖ **Key indicators of success of a project and an evaluation strategy**
- ❖ **Methodology that need to be used for a project**
- ❖ **Helps to Compare different project types and evaluate profit to cost ratio**
- ❖ **Helps to compare risks associated with different projects**
- ❖ **Budgeting and planning**
- ❖ **Helps to identify strategies to collect feedback**



**Thank You !**