

# INTRODUCTION TO PROJECTS AND PROJECT MANAGEMENT

# PROJECT AND SITE ORGANIZATION

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An organizational structure represents the basic relationships of an organization, defining the formal lines of authority, responsibility, reporting and power.

The three basic organization designs are:

- 1. Functional (Traditional organization)
- 2. Projectized (or Pure Project)
- 3. Matrix (Project Co-ordinator)

Advantages of Functional Organization

- Facilitates coordination of work among highly trained workers.
- Duplication of resources is avoided.
- Centralization of similar resources.



#### Disadvantages of Functional Organizations

- Conflicts may arise relating to different projects.
- Slows down decision making.
- The total perspective is lost among functional departments.

Advantages of Projectized Orgaizations

- Singleness of purpose.
- Clearly stated objectives.
- Absence of conflicts for the use of resources.

#### **Disadvantages of Projectized Organizations**

- Duplication of facilities
- Costly to set up.
- Insecurity due to termination of temporary projects.



#### Advantages of the Matrix Organization

- Coordination across functional departmental lines.
- Visibility of project objectives through the project coordinator.
- Project can be easily abolished.
- More efficient use of resources.

#### Disadvantages of the Matrix Organization

- Possible conflicts between project and functional managers.
- Complicated management procedures.
- Resources often become over-stretched.



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FUNCTIONAL	MATRIX	<b>PURE PROJECT</b>			
FUNCTIONAL STRUCTURE		PUKE PROJECI			
SIRUCIURE	Technology				
	Complexity				
	Size				
	Duration				
	Political Importance	<b>&gt;</b>			
	Time Criticality	▶			
	Project Management Sk	ills →			
	Political Importance	→ → ills			



### SITE ORGANIZATION

#### Planning Issues

- Identify the objectives and scope
- Define the key players and their roles/responsibilities
- Identify the types and number of people required and define their responsibility levels.
- Plan the site organization structure required.
- Define the lines of communication
- Establish the appropriate administrative systems



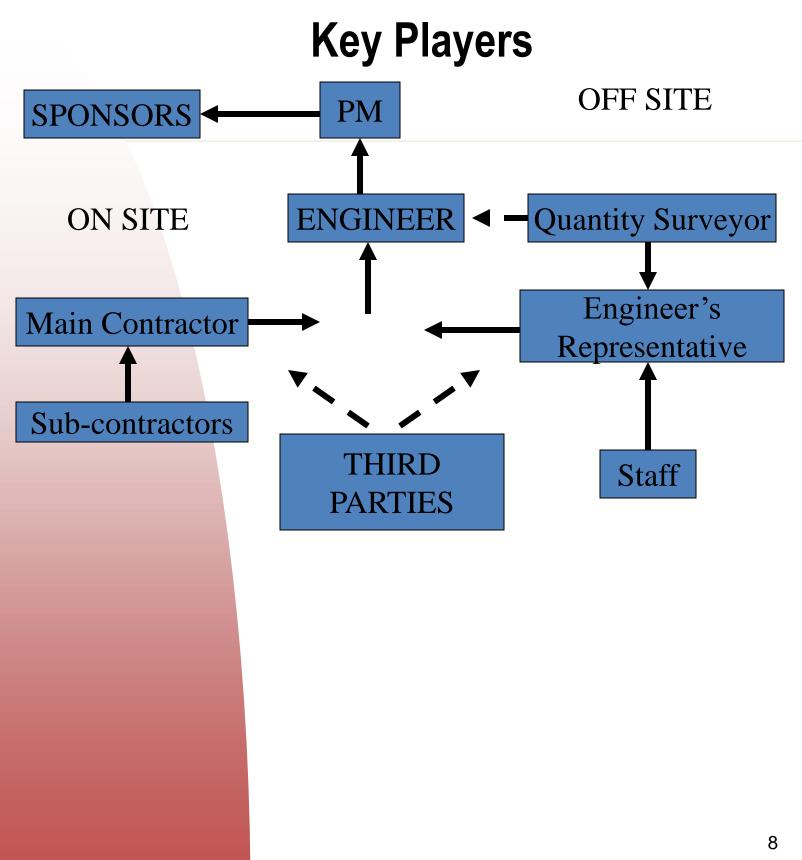
## SITE ORGANIZATION (cont'd)

#### Logframe

		1	
NARRATIVE	OBJECTIVELY	MEANS OF	MAJOR
SUMMARY	VERIFIABLE INDICATORS	VERIFICATION	ASSUMPTIONS
	INDICATORS		
GOAL			
PURPOSE			
OUTPUTS			
INPUTS			



#### SITE ORGANIZATION (cont'd)





### SITE ORGANIZATION (cont'd)

#### **Linear Responsibility Matrix**

ACTIVITIES	KEY PLAYERS						
	PS	PM	QS	Con.			
Prepare Plans	Ν	U					
Approve Plans	U	N					
Prepare Tender	М	A					
Construct Foundation			Ρ				
•							

KEY		
P	-	PERFORMING
U	-	ULTIMATE RESPONSIBILITY
Μ	-	MUST APPROVE
A	-	MUST ASSIST
Ν	-	MUST BE NOTIFIED