

Project and Its Nature

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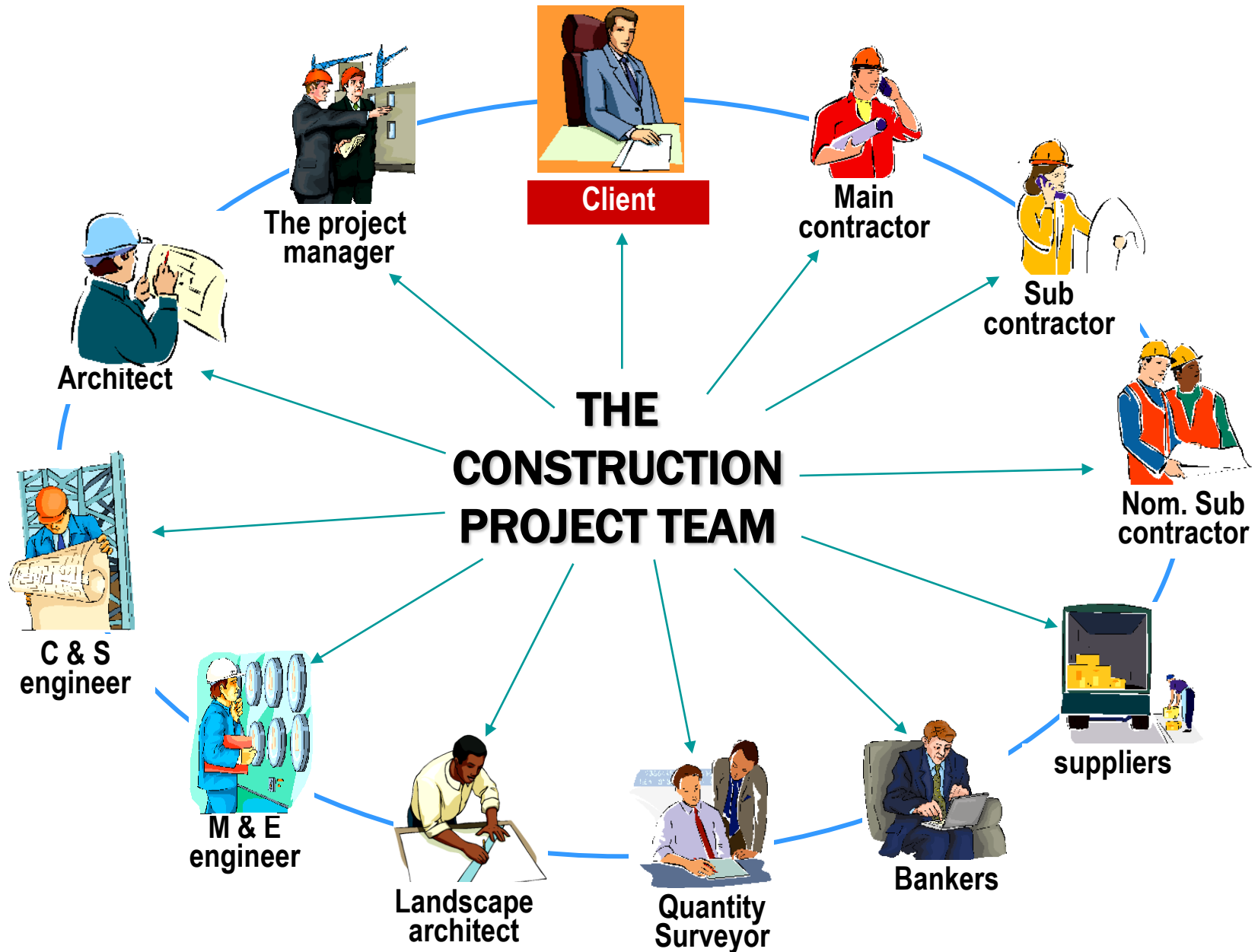
Topics Covered

Project and its Nature

- Characteristics or nature of construction projects
- Project life cycle and project phases – definition; characteristics of project life cycle

CHARACTERISTICS OF CONSTRUCTION PROJECTS

- Fragmented
- Very unique in nature (*No two buildings are the same. Each is tailor made for to suit the requirements of different clients*)
- Involves interrelated activities, tasks and work packages
- Carried out by many separate individuals, firms and companies with different expertise, size and may come from different part of the country.
- All parties are brought together and organised as a team to produce a building product.
- Once the project is completed the team disbands and each of the team will go their separate ways to seek and work on another project.



PROJECT COMPLETION AND ACHIEVING THE OBJECTIVES

In the planning and implementation of a project it is most appropriate to address the 3 basic questions so that the management will have a better control:

- What need to be done
- Who is going to do what need to be done
- How are they going to be done

PROJECT PHASES AND PROJECT LIFE CYCLE

This include lots of activities, tasks, work elements or work packages that need to be carried out or performed.

Normally, project divided into several **PROJECT PHASES**,

Each of these phase is made up of these activities, task or work packages.

PROJECT PHASES AND PROJECT LIFE CYCLE

What is ACTIVITY, TASK AND WORK PACKAGE ?

Activity	a specific project task that requires resources and time to complete
Task	a generic term for work that is too minor to be included in the WORK BREAKDOWN STRUCTURE, but could be part of the work package
Work package	the lowest level of the work breakdown structure that has a discrete deliverable.

PROJECT PHASES AND PROJECT LIFE CYCLE

Each “PROJECT PHASE” is marked by the completion of one or more deliverables.

A “deliverable” is a tangible, verifiable work product such as feasibility study, detail design or a working prototype. It should be unambiguous and must be clearly defined.

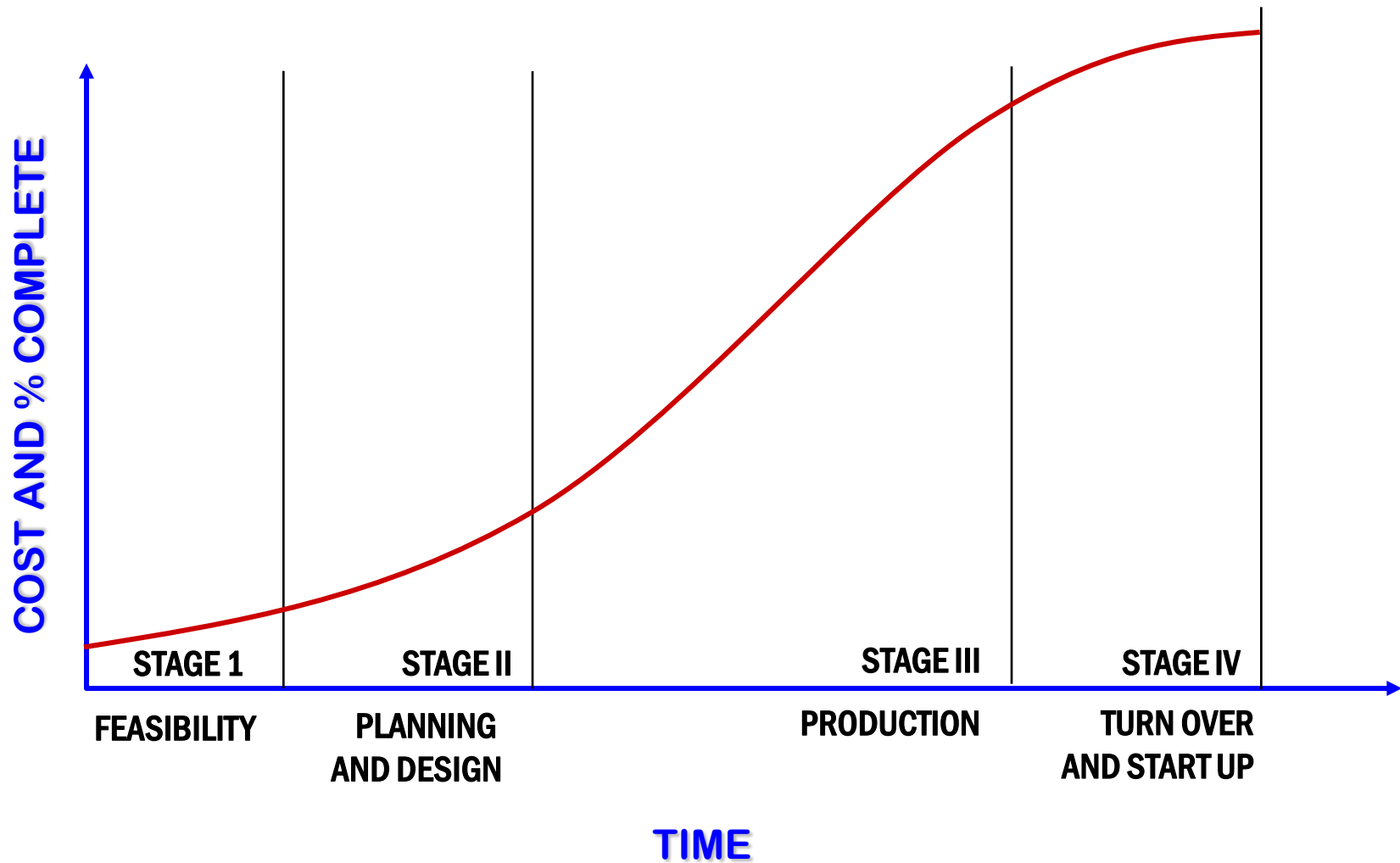
“PROJECT LIFE CYCLE” is the collective of Project Phases. It serve to define the beginning and the end of a project.

PROJECT PHASES AND PROJECT LIFE CYCLE

PROJECT PHASING and PROJECTY LIFE CYCLE is aimed at defining the following:

- What technical work should be done in each phase and what are the deliverables
- Who should be involve in each phase
- What is the expenditure like at each phase
- How much time will be required to complete each phase

PROJECT PHASES AND PROJECT LIFE CYCLE



References and Further Readings

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