

CERTIFIED CRITICAL CHAIN PROJECT MANAGER – A NEW PARADIGM

SSI CPD – Project Management Innovation

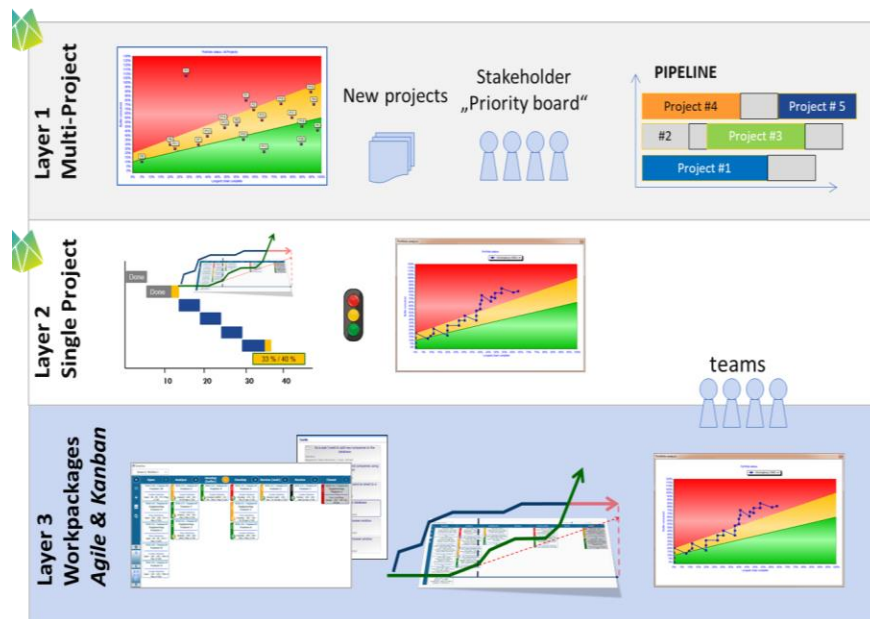
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CRITICAL CHAIN PROJECT MANAGEMENT - SINGLE PROJECT (6 HOURS).

Introduction :

The new Critical Chain Project Management (CCPM) is an innovative approach with techniques that can dramatically improve the performance of all types of projects in companies of all sizes.

This innovative approach (The Boeing Company, Mazda, OMRON, Ricoh Company, etc.) has been adopted by thousands of leading organizations, and the Japanese government decided in 2008 to use CCPM in all government construction projects (about 20,000 projects per year). They all had miraculous results.



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Objective:

This course will share theories and techniques to manage single projects big or small in various industries.

Facilitated by a certified CCPM expert, the workshop covers the concept, methodology, and case examples. The new techniques will be illustrated by computer simulation. The workshop covers CCPM scheduling, tracking, and project management by the CCPM software.

Contents:

1. Current Issues of Project Management
2. Simulation Game
3. Solution Directions
4. Comparison of Current and New Methods
5. CCPM Scheduling for Single Projects
6. Exercise
7. Simulation Exercise
8. Project Tracking and Monitoring
9. Simulation and Results
10. Project Management
11. Simulation and Results
12. Introduction to LYNX Project management Software
13. Strategy for CCPM Deployment
14. Case Examples
 - a) A High-speed Railway Station
 - b) An ERP Implementation
 - c) A Government Project

Expect Results:

Participants should be able to grasp the breakthrough method and be able to use it to complete their projects.

Who Should Attend?

Executives whose project management is part of their responsibilities. Engineers in civil, architectural, and engineering fields. Professionals in product development, IT development, supply chain, healthcare, and government services.

Language

Cantonese with presentation slides in English.



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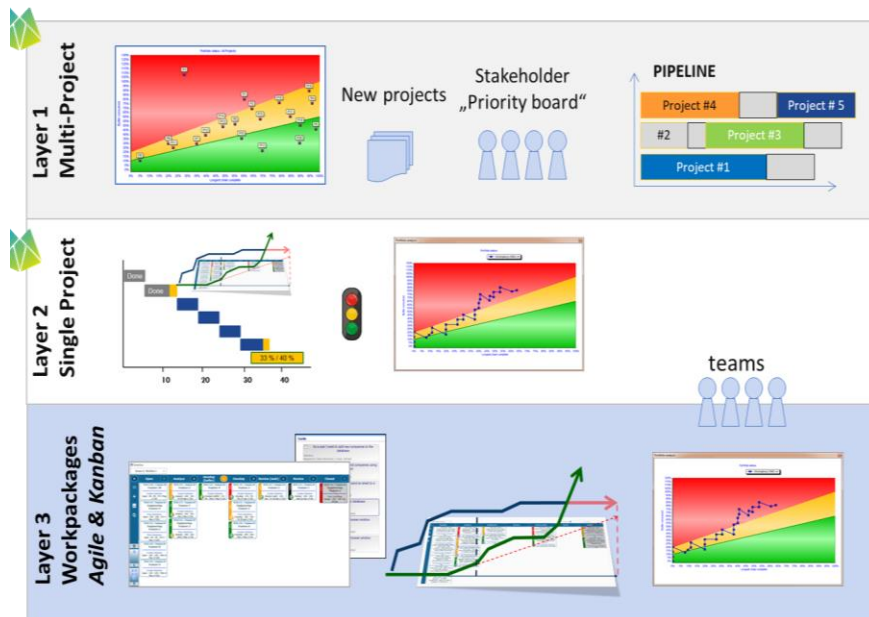
CRITICAL CHAIN PROJECT MANAGEMENT - PROJECT PLANNING (6 HOURS)

Benefits of Using LYNX:

The software facilitates the immediate deployment of CCPM technology.

Successful implementation of these techniques will result in projects being completed more reliably, with less budget and time, and more comprehensive delivery, thereby increasing the productivity and competitiveness of the project company.

As highlighted in the Consultancy Report "Comprehensive Assessment of Productivity in Hong Kong's Construction Industry" published by the Construction Industry Council in 2017, the project helps meet the urgent need to improve productivity.



Free Trial

A free trial of the LYNX software is available for the completion of one selected project.

An implementation consultant is available upon request.



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Objective:

For years, project networks have failed in most organizations to drive correct behaviors among program and project managers, executives, and resource managers.

Many people involved in projects do not like to use networks because they are so cumbersome and often obsolete soon after execution begins.

The aim of this module is to introduce a simple and effective method for project planning which can be used in conjunction with project management software.

Contents:

1. Define the project's measurable goals, tangible scope, and sponsor criteria.
2. Define the backbone of the network.
3. Expand the skeleton of the network.
4. Define additional dependencies.
5. Check the network against project goals, scope, and deliverables.
6. Resource the project tasks.
7. Scrutinize with subject matter experts.
8. Estimate time durations.
9. Reduce durations without compromise.
10. Perform a final risk assessment.
11. In-class case study
12. Introduction to LYNX
13. Major Functions of Lynx
14. Start LYNX with a Case Example
15. Exercise
16. Video show

Who Should Attend?

Executives who want to plan the projects on time, on budget, and within scope.

This section provides a step-by-step, easy-to-follow approach with examples that make the process clear, even for beginners.

Language

Cantonese with presentation slides in English.

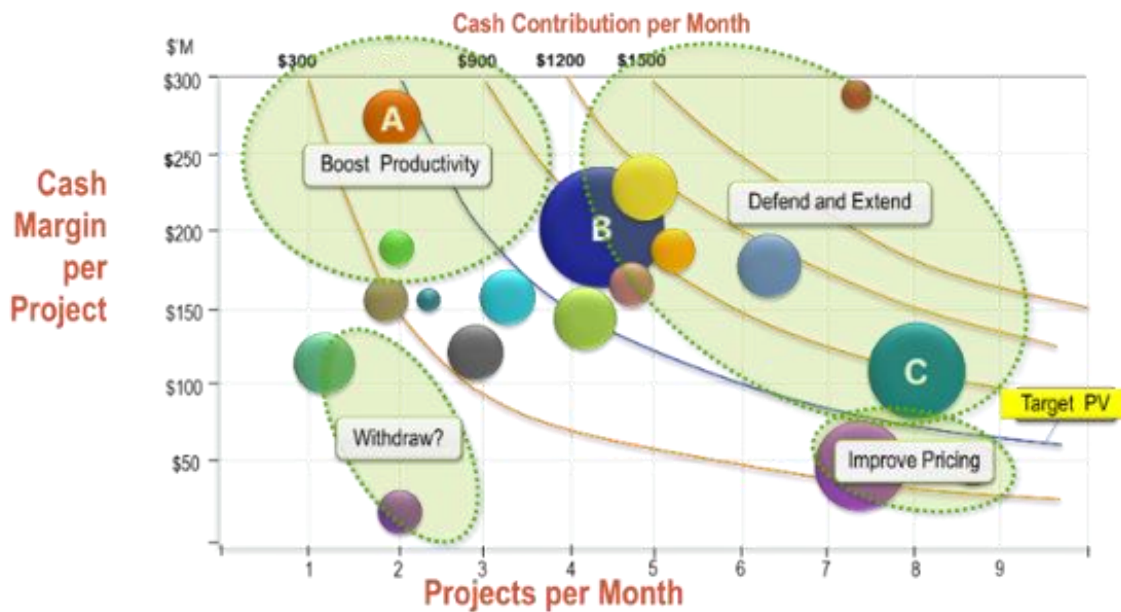


CRITICAL CHAIN PROJECT MANAGEMENT – MULTIPLE PROJECT (6 HOURS)

Introduction:

It is common that executives are overloaded with many projects. Regardless of working longer hours, the ability to complete the number of projects on time within budget and scope diminished.

This proven methodology unlocks a series of new paradigms that enable major advances over traditional methods. These techniques are being used by hundreds of organizations with huge improvements in completing projects on time, to specification, and within budget. They represent some well-known names in the world – Boeing, ABB, Chrysler, ITT, NASA, BAE, Timco, etc.



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Objective:

This course will share with you a new set of methods that, when used correctly, can allow you to complete projects 25% faster without sacrificing scope or budget. But that's not all. You can increase the number of projects executed with the same resources by 25%, increasing the throughput of your organization.

Contents:

15. Introduction to the Course
16. The Current Challenges of Managing Multi-Projects
17. Steering of Projects According to An Organization's Capacity
18. Resource-based Project Planning
19. Managing Project Uncertainty or Variation
20. Simulation Game
21. Project Priority System
22. Fast, Daily Execution Management
23. The Project Recovery Process
24. Planning of Muti-projects
25. Use of Project management Software – LYNX
26. Deployment Strategic and Targets
27. Case Examples

Videos, Group Exercises, and Games

Expect Results:

1. Methodology to select the right project
2. Maximize the portfolio's throughput of project completion
3. Optimizing the portfolio's reliability of project completion
4. Ability to implement CCPM immediately using LYNX software

Who Should Attend?

Project Managers, Resources Managers and Planning Managers Project Directors who are responsible for the P&L of the project-based companies

Executives who want to manage multiple projects more effectively

Pre-requisites

There is no need for any specific project management qualifications, but participants will be benefited if they know the conventional project management tools and Critical Chain project management for single projects.

Language

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