



**Last Planner® System with Problem Solving  
Training Program**



# Overview of the Last Planner® System with Problem Solving

The Last Planner® System is an alternative method to CPM for Project Planning. It is a collaborative based approach, where each contractor is involved in developing the plan and is accountable to the commitments agreed within the plan.

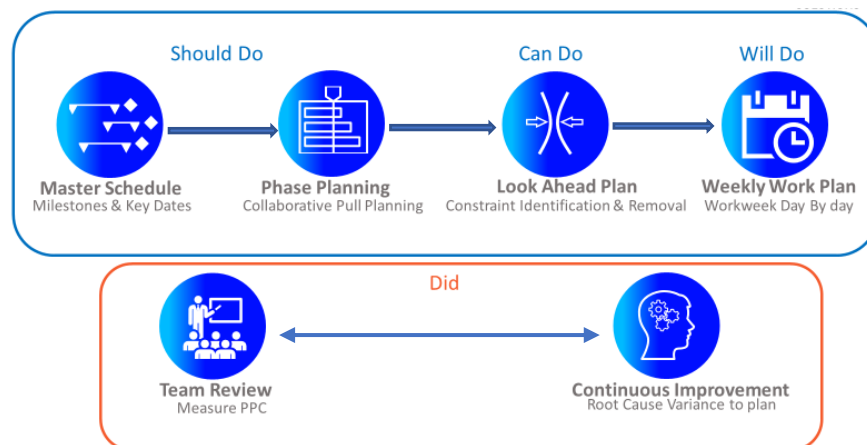
It involves identifying, in advance, what can prevent work flowing and then mitigating the constraints before they occur.

A key phase of the Last Planner® System is Learning and Improvement. When a variance to plan is identified, Problem Solving provides a systematic approach to define the problem, identify the contributing and root cause, resulting in a focused, appropriate action plan. This process prevents the reoccurrence of problem identified for further projects.



## Benefits include

- Reducing Accident Rates by up to 70%
- Reducing Cost below Budget up to 30%
- Increasing Schedule Adherence to greater than 85%
- Real Time Measure of Project Performance to Plan
- Systematic collaborative approach to Problem Solving
- Prevent reoccurrence of repeat issues in Projects
- Encouraging True Collaboration between client and contractors to deliver Customer Value and Profitability and Problem-Solving culture



# Delivering Systematic Results through Collaboration

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## Program Aim

The aim of this program is to provide the trainee with a foundation in the Last Planner System coupled with Problem Solving skills that can be applied to the next Construction Project. Client satisfaction will be enhanced, and contractor productivity and profitability will increase through collaborative planning and systematic problem solving.

## Program Objectives

At the end of this course, you will be able to:

- Describe the 5 key Lean Principles
- Define the benefits of the Last Planner® System
- Understand the alignment between the Last Planner® System and Lean
- Define the 6 phases of the Last Planner® System
- Apply the Last Planner® System to a Project



## Duration

- 2 Days Training

## Target Audience

This program is designed as an introduction to the Last Planner System and Problem Solving and is suitable to all levels involved in Project Management. This can include Senior and Middle Managers, Project Managers, Contract Managers, Facilities Managers, Site Managers, All Sub-Contractors and Client organizations.

*“We cannot solve our problems with same thinking we used to create them”*

**Albert Einstein**



# About Crystal Lean Solutions

Crystal Lean Solutions are Leading providers of Lean Transformation delivering sustained competitive advantage for clients. We are commended by LCI and approved Lean Consultants and Trainers with both the IDA and Enterprise Ireland.



Founded in 2008, we specialise in providing energised action based learning to ensure that everyone moves at the same pace. This ensures that you can apply the concepts in your working environment, with confidence. Each of our Trainers have a minimum of 20 years' experience of both practical and training experience in Lean Deployment.

## Our Results:

- ✓ Trained over 2,000 professionals in Lean and Six Sigma
- ✓ Mentored over 300 projects
- ✓ 100% Satisfaction with quality of training

## Our Approach



### Flexible

We adapt our programs, availability and location to meet your unique capability requirements



### Simple

Easy to understand training Integrated with action based learning to maximise the learning experience



### Results

Translate learning into business results through project execution

# Financial Support Available

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## Funding

Crystal Lean Solutions are an approved lean Consultant and Training Provider for the following organisations:

- Enterprise Ireland
- IDA
- Innovation and Lean Six Sigma Skills net (ILSS)
- Limerick Skills net



This provides clients with the opportunity of potential sources of funding given your specific training requirements. In the event that you are considering a Lean Business offer such as Leanstart, LeanPlus or LeanTransform, it can be delivered and funded as part of these programs.

## For more information

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## Benefits:

- ✓ Futureproof your business through collaborative based planning
- ✓ Eliminate reoccurrence of schedule variation
- ✓ Develop Lean Change Agents
- ✓ Enhance your professional marketability



85% schedule adherence

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