

Lean Construction



- Welcome, Introduction & Expectations - 15 minutes
- Toolset, Skillset & Mindset Framework - 10 minutes
- Introduction to Lean Construction - 40 minutes
- Break - 10 minutes
- Identification of Issues & Opportunities - 35 minutes
- Overview of the Lean Enablers - 50 minutes
- Summary - 5 minutes
- Questions & Answers - 15 minutes
- Feedback

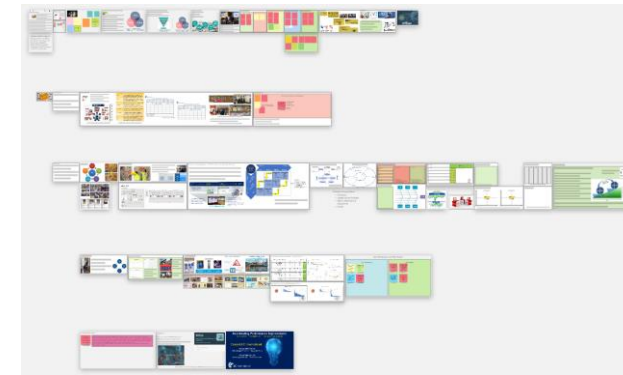
Lean Construction:

Working through a framework of Toolsets, Skillsets and Mindsets we will explore what Lean Construction means and the approaches available to promote, foster and embed Lean Thinking at all levels throughout a project, an alliance, an organisation and into the supply chain.

By the end of the session you will have an understanding of the key techniques to use to identify with the current situation of a project; to challenge effectively what is taking the focus away from adding value and to work together to use the appropriate enablers to deliver improvement.

The Lean Construction Workshop aims to give you the confidence in taking the first steps to embedding improvement when working with multiple suppliers & contractors in the delivery of a project. It will give you an understanding of how the Lean Enablers can be applied to ensure a controlled approach to waste removal & continuous improvement, which will support improved quality, efficiency and performance.

Lean Construction is one of many influencers to support effective project delivery, however, without an appreciation of other influences, progress may not meet expectation. During the session we will also explore other influencers that will need to be considered alongside Lean Construction to ensure overall benefit is realised and sustained.



Learn more about lean

They weren't thinking of the larger process like breaking down step by step and so then it fell apart

Get started with transforming business management systems

Understand how Lean works/can work in construction - my understanding of Lean is more focused on manufacturing/repeat processes

Become familiar with Lean construction as I'm quite new to the industry. Previously worked in Finance.

Learn more on Lean

Get Involved

Share Experiences

https://miro.com/app/board/o9J_IFvHyQc=

Lean Video - Meals per Hour!



Please click on the link to watch the video:

Please consider the following:

- What was the Current Situation?
 - What worked well?
 - What didn't work so well?
- What were the teams key focuses for Improvement?
- What were the impacts of the Improvements?
- How did it make the team feel?

What was the Current Situation?

What Worked Well?

- Less transportation waste
- More organised
- Redesign of packaging and making use of the space available
- Better material flow overall

What Didn't Work So Well?

- lack of organisation at the packing plant
- Queues of people at collection points

What were the Teams Key Focuses for Improvement?

- Collaboration & Engagment
- Better communication
- Reduced Waiting Time - Wastes
- Better more efficient movement
- Time and motion study
- looking at the process step by step

What were the Impacts of the Improvements?

- Savings/ improvements in time and quality and potentially cost savings
- Smaller Boxes - Ship More - Help More
- Team Motivation - Gave the team a voice
- Influence from their own experiences
- Guest** reduced waiting time

How did it make the team feel?

- More efficient team
- More engaged
- Driving decision making & problem solving to the people that can take action
- Adding Value!

The Results:

What do I want you to know? How do I want you to feel? What do I want you to do?

Getting it to Work:

- Driving Decision Making to the Appropriate Level
- Accessable informative Standard Work
- Collaborative Planning
- Make - Ready - Needs
- **Understand** the Situation at a Glance
- **Expose** Frustrations & Opportunities
- **Inspire** Improvement
- **Celebrate** & Share Successes

What can we take away from this example to support our journey?

- Watch people work to see where they 'trip over' each other
- Get closer to the issues!
- Gemba walks/ observations to improve ways of working
- Involving the people and subject matter experts
- Importance of trial and error in developing ideas
- Go - Look - See
- continually review process for areas of improvement
- Count how many times and item gets handled

Current Frustrations / Challenges:

Involvement of Teams Sharing Frustrations!

Getting senior management buy-in

Getting the team to adjust culture and embrace change

R>FxVxD

People being committed to participating in change/improvement projects

Meetings that should have been an email!

Agenda!
Known Outcome we are heading towards

Process Audit - Checks effectiveness

RACI

By understanding and identifying with frustrations & challenges people are encountering with day to day processes and activities, you can use this to determine what can be taken forward as an opportunity to improve.

Make every day a little bit better!

Key Takeaways and Next Steps:

Key Takeaways:

the principles of Lean construction applies at all levels

at the end of the day it's a one team approach!

View the work being undertaken to identify waste processes

The team roles surrounding problem solving

Next Steps:

Share Miro Board via link & PDF for future reference

definitely more go look see, loved the enablers section and collaborative planning ideas

Develop a system with dashboards to reduce the number of 'clicks' to find data

Review problems using the 5Cs

Accelerating Performance Improvement

experiential | facilitator-led | live | remote learning

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