

# Constructing Excellence Public Learning Programmes

| Name of the Programme:  | <b>Last Planner System (LPS) Implementation &amp; Operation</b>   |  |   |      |      |                                   |   |                   |               |   |   |                               |               |  |  |                               |               |  |  |
|---|---|--|---|------|------|-----------------------------------|---|-------------------|---------------|---|---|-------------------------------|---------------|--|--|-------------------------------|---------------|--|--|
| Audience and Duration of Module                                     | <p><b>Focus</b><br/>The learning outcomes are focused on providing a thorough understanding of the Whole Last Planner System and all its associated tools.</p> <p><b>Audience</b><br/>Typical delegates will be project managers or site supervisors seeking to implement and/or operate a successful Last Planner System on one or more projects.</p> <p><b>Modules &amp; Duration</b><br/>3 No. Half Day Facilitated Training Workshops – all face to face at a venue in central Auckland.</p>  |  |   |      |      |                                   |   |                   |               |   |   |                               |               |  |  |                               |               |  |  |
| Course Description and Learning Outcomes                            | <table border="1"> <thead> <tr> <th>Module</th> <th>Learning Outcomes</th> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>Module 1<br/><b>LPS FOUNDATION</b></td> <td>Warm Up exercises introduce the delegates to the principles of LPS.<br/><br/>The LPS Villego™ Training Simulation provides a complete overview of LPS and its associated tools.</td> <td>Thursday May 16th</td> <td>08:00 – 13:00</td> </tr> <tr> <td>Module 2<br/><b>LEAN, CONTINUOUS IMPROVEMENT &amp; PULL PLANNING</b></td> <td>Lean Construction Principles, Waste Reduction, Plus Delta Continuous Improvement with the Airplane Game simulation followed by the Hobbiton Pull Plan Simulation all contribute to a deeper understanding of how to implement LPS and why it works.</td> <td>Thursday 23<sup>rd</sup> May</td> <td>08:00 – 13:00</td> </tr> <tr> <td>Session 3<br/><b>PRODUCTION MEETING AND ONGOING OPERATION</b></td> <td>Refining the Pull Plan, moving into how to set up and run weekly production meetings followed by an introduction to the WALL BOARD templates and the new DIGITAL OPTION for running LPS. Look at reporting and outcomes.</td> <td>Thursday 30<sup>th</sup> May</td> <td>08:00 – 13:00</td> </tr> </tbody> </table> | Module   | Learning Outcomes   | Date | Time | Module 1<br><b>LPS FOUNDATION</b> | Warm Up exercises introduce the delegates to the principles of LPS.<br><br>The LPS Villego™ Training Simulation provides a complete overview of LPS and its associated tools. | Thursday May 16th | 08:00 – 13:00 | Module 2<br><b>LEAN, CONTINUOUS IMPROVEMENT &amp; PULL PLANNING</b> | Lean Construction Principles, Waste Reduction, Plus Delta Continuous Improvement with the Airplane Game simulation followed by the Hobbiton Pull Plan Simulation all contribute to a deeper understanding of how to implement LPS and why it works. | Thursday 23 <sup>rd</sup> May | 08:00 – 13:00 | Session 3<br><b>PRODUCTION MEETING AND ONGOING OPERATION</b> | Refining the Pull Plan, moving into how to set up and run weekly production meetings followed by an introduction to the WALL BOARD templates and the new DIGITAL OPTION for running LPS. Look at reporting and outcomes. | Thursday 30 <sup>th</sup> May | 08:00 – 13:00 |  |  |
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| Delivery Model  | <p><b>3 x Half Day Course set- provides:</b></p> <ul style="list-style-type: none"> <li>• Pre-work</li> <li>• Course Notes</li> <li>• Slide Packs</li> <li>• Feedback Sheets</li> <li>• Assignment / Group Working</li> </ul>   | <p><b>Post Course Evaluation - reviews:</b></p> <ul style="list-style-type: none"> <li>• Feedback</li> <li>• Plus Delta</li> <li>• De-brief as required</li> </ul> |  <p>Introducing the NEW DIGITAL OPTION for LPS to modernise your project environment</p> |      |      |                                   |   |                   |               |   |   |                               |               |  |  |                               |               |  |  |

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| <b>Included Items</b>  | <p>Meeting Room/space.<br/>Flipchart and paper, Whiteboard, Data Projector and screen or large wall mounted wide screen monitor.<br/>Refreshments including morning tea and lunch.</p>   |  |  |
| <b>Investment</b>  | <p>\$1950 per person plus GST<br/>This investment rate applies to the whole course as a package.<br/>Space for 16 pax maximum participants per Module.</p>   |  |  |
| <b>Terms &amp; Conditions</b>  | <p>Invoices will be issued pre-training and are due on a 7 Day term or before the course begins.<br/>Credit card option is available.<br/>10% discount is available for delegates whose companies are CCG members. Refer to the web site <a href="http://www.constructing.co.nz">www.constructing.co.nz</a> for a list of current members.<br/>A further 10% discount is available for those choosing to also register for the Option 2 course – LPS Leadership course.</p>  |  |  |
| <b>Facilitator(s)</b>  | <div data-bbox="293 981 488 1312" style="display: inline-block; vertical-align: top;">  <p data-bbox="316 1182 466 1281">Amanda Warren<br/>Partner JLPS Lead<br/>Construction<br/>Excellence NZ</p> </div> <div data-bbox="517 987 1532 1615" style="display: inline-block; vertical-align: top; padding-left: 20px;"> <p><b>Amanda Warren, Partner, Constructing Excellence</b></p> <p>Amanda is a leading expert in Project Management, Lean Design &amp; Construction and has played a key role in establishing Lean principles and tools, in particular, Last Planner across the New Zealand construction industry.</p> <p>Amanda is an experienced tutor and facilitator – with 15 years’ experience in teaching design and construction teams – often on site or at clients’ offices. She is the founder of the NZ Construction Clients’ Group and a past, (founding) Industry Chair of LCI NZ, (Lean Construction NZ). She teaches a range of organisational best practice topics including project management, risk, customer, stakeholder, and supply chain management, as well as the latest thinking in ‘Modern Methods of Construction, integrated team’s delivery mechanisms.</p> <p>As Project Coach, Amanda has assisted several ‘project rescues’ for projects in distress as well as helping project teams to realise better value and efficiencies through innovation and empowerment of Lean tools and principles. Amanda has also assisted Government both in UK and NZ to develop programmes to improve industry efficiency.</p> <p>She was a key member of the Productivity Partnership for NZ Government. Some examples of organisations that Amanda has worked with include NZTA, NZDF, WCC, Auckland Transport, Ministry of Education, Housing NZ, Watercare, Kiwi rail, Fulton Hogan, Downer, Arrow International, Naylor Love, FCC, and many more.</p> </div> |  |  |
| <b>Key Contacts</b>  | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p><b>Renée Ray</b><br/>Training Manager<br/>e: <a href="mailto:rrey@constructing.co.nz">rrey@constructing.co.nz</a><br/>m: 027 5566 110</p> </td> <td style="width: 50%; vertical-align: top; text-align: right;"> <p><b>Tim Warren</b><br/>Partner<br/>e: <a href="mailto:tjwarren@constructing.co.nz">tjwarren@constructing.co.nz</a><br/>m: 021 243 4298</p> </td> </tr> </table>   | <p><b>Renée Ray</b><br/>Training Manager<br/>e: <a href="mailto:rrey@constructing.co.nz">rrey@constructing.co.nz</a><br/>m: 027 5566 110</p> | <p><b>Tim Warren</b><br/>Partner<br/>e: <a href="mailto:tjwarren@constructing.co.nz">tjwarren@constructing.co.nz</a><br/>m: 021 243 4298</p> |
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