



INSTITUTE FOR
LEAN CONSTRUCTION
EXCELLENCE (ILCE)

Lean Construction And The Last Planner System

“By : Prof. Carlos T. Formoso (Brazil)”

Workshop Date And Venue

- Chennai** : 21st January 2013
Convention Center, L&T Construction
Manapakkam
- Delhi** : 23rd January 2013
PHD Chamber of Commerce & Industry
PHD House, August Kranti Marg
- Mumbai** : 25th January 2013
Godrej & Boyce Mfg. Co.Ltd
Plant- 13 Annexe, Pirojshanagar, Vikhroli (E)

CHARTERED MEMBERS



ILCE takes great pleasure to invite you to a workshop
“**LEAN CONSTRUCTION AND THE LAST PLANNER SYSTEM**”
Principal Speaker :Prof.Carlos Torres Formosa(Brazil)

Last Planner System was initially devised by Mr. Glenn Ballard and Mr.Greg Howell (Lean Construction Institute, USA)

Within a short decade of its existence it has made its mark as a highly collaborating control system which brings a remarkable improvement of efficiency and predictability of performance in construction projects

This system has been extensively used in USA, Europe and Latin America, particularly in Brazil

Prof. Carlos, Principal Speaker, has various outstanding credits

Implementing Last Planner System in 100 Construction Companies in different parts of Brazil(Brazil Construction Industry is almost similar to ours)

Implementation of Lean techniques and methods for the Construction Industry.

Presentations on Lean Construction in seminars/workshops in various countries-

Brazil,Uraguay,Chile,Peru,Ecuador,Colombia,Mexico, USA,UK, Spain.

Senior Consultant in the Federal Government of Brazil for National Program for Quality and Productivity in Construction Industry.

And many,many others —

Prof. Carlos has a PhD from University of Salford, UK

Visiting scholar University of Salford,University of California,(Berkeley, USA) ESPE(Ecuador), Norwegian Building Research Institute (Norway), Strathclyde University (UK), Universidad de La Republica (Uruguay),Universidad de los Andes (Colombia),Universidad Catolica (Chile).

Author of various books & International publications

MAIN OBJECTIVE - Workshop

Introduce some core Lean concepts and principles and present the Last Planner System, bringing examples of practices from the construction industry, and guidelines for implementation

Participants should be able to get some key ideas for starting the implementation of the Last Planner System in their companies

WHO SHOULD ATTEND :

- Top Management - major drivers for Lean Construction
- Practicing Engineers at site
- Planning Engineers /Project Managers/
- Middle & Senior Management professionals/ Site Engineers
- Architects/Engineers/Consultants
MEP Consultants /Contractors
General Contractors
- Owners of facilities like Buildings, Hotels, Hospitals and Airports
- Developers of Real Estate/Infrastructure Projects

Workshop - Dates / Venue

Chennai : 21st January 2013
Convention Centre,
L&T Construction, P.B.No.979
Mount Poonamallee Road,
Manapakkam, Chennai- 600089

Delhi : 23rd January 2013
PHD Chamber of Commerce & Industry
PHD House 4/2, Siri Institutional Area
August Kranti Marg. New Delhi- 110016

Mumbai : 25th January 2013
Godrej & Boyce Mfg.Co.Ltd
307,3rd Floor, Plant- 13 Annexe
Pirojshanagar, Vikhroli (E),
Mumbai- 400079

Program Details

Sr. No	Timings	Items	Details
1	09.00-09.45	Registration	-
2	09.45-10.00	Welcome	Introduction of Speaker
3	10.00-11.00	Introduction to Lean Construction	History of production management, Toyota production system. Core Lean production concepts. Examples of Lean practices in the Construction Industry
4	11.00-11.15	Tea break	
5	11.15-12.30	Production Planning and Control	Problems in traditional planning. Concepts. Guidelines for improving planning and control
6	12.30-01.15	Last Planner System (1)	Long term and look-ahead planning: Location Based planning, Constraint Identification and Removal, Management of Material Supply. Management of Physical Flows. Performance Measures, Cases of Implementation
7	01.15-02.00	Lunch Break	
8	02.00-03.00	Last Planner system (2)	Short-term planning, Commitment management, Performance Measurement, Learning. Cases of Implementation
9	03.00-04.00	Production System Design	Flow management. Visual planning and control tools. Use of BIM for 4D simulation. Cases of Implementation
10	04.00-04.15	Tea Break	
11	04.15-05.15	Integrated Production Planning and Control	Extending the Last Planner System: quality management and safety management. Cases of Implementation
12	05.15-05.30	Questions & Answers	
13	05.30-05.45	Summing Up	How ILCE should help you in installing Lean Practices in your site

Nomination Form

We nominate the following personnel to attend the seminar :

(1) Name _____

Designation _____

Email _____

(2) Name _____

Designation _____

Email _____

Our Demand Draft /Cheque No. _____ for Rs. _____

Dated _____ drawn on _____ in favour of

“Institute for Lean Construction Excellence” is enclosed.

Contact Details :

Organization _____

Address _____

Contact Person _____

Designation _____

Tel.No _____

Email _____

Terms and Conditions :

1. Fees are inclusive of program materials and refreshments.
2. Copyright etc: All intellectual property rights in all materials produced or distributed by ILCE in connection with this event is expressly reserved and any unauthorized duplication, publication or distribution is prohibited.

Terms of Participation

Participation Fees :

Chartered /Corporate/Associate Corporate Members :
Rs.6000/- per participant + 12.36% Service Tax

Member (Individual) :
Rs. 5000/- per participant + 12.36% Service Tax

Non Members :
Rs.8000/- per participant + 12.36% Service Tax

* 15% discount for 4 or more paying participants

Payment Details :

DD/ Cheque in favour of
"INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE"

Online /Mail Transfer to
"INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE"
Account No.00602560008689
RTGS/NEFT IFSC : HDFC0000240

Participation fee is non-refundable but change of
nomination is acceptable

- Upper limit of participants : 50

Registration ,Nomination & Enquiries :

ILCE Mumbai :

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