



INSTITUTE FOR LEAN CONSTRUCTION EXCELLENCE

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ILCE on the road – Workshops / Seminars

Newsletter 32

BANGALORE LEAN CONSTRUCTION BASICS WORKSHOP – 25.06.2011

LEAN Construction in India got a good boost with the recently concluded LEAN Workshop in Bangalore, a veritable capital of property Development. Driven by a predominance of Developers among the participants, the quest for improved efficiency in construction was well evident by the high energy level in the hall. The ILCE Event was well organized by Mr KS Sudarshan, the ILCE Director for Bangalore Hub and CEO- Ozone Developers and his enthusiastic team, with good backoffice support from Mr SR Kumar of Chennai Hub and Mr Sampath from the Mumbai central office.

The day took off with an exposition on the Basics from Mr N Raghavan, Visiting Prof at IITM. He covered the basic definitions, the genesis of LEAN construction, the various types of wastages involved in construction and their mitigation, the different processes and the tools commonly employed, etc. He brought out the advantages of LEAN practice to the various segments of the Industry and the possible areas of focus for these segments.

Mr Sudarshan anchored the event from Indian construction point of view, starting off with an overview of various management tools being employed, a review of the bad practices being adopted at sites and brought out the possible roles and advantages for LEAN in Indian construction industry. He also illustrated his view point with a couple of case studies in Developmental Projects where LEAN has been practiced to good advantage. Above all, he showcased the practice of LEAN as an attitude throughout the Organisation and the beneficial outcomes of the same.

Prof Ashwin Mahalingam of IIT Madras covered some of the basic processes and tools of LEAN construction. He explained the concepts of Last Planner or Site-based Integrated Planning and Integrated Project Delivery. The concepts were excellently illustrated with a game of Parade of Trades, conducted with able assistance from

Kalyan Vaidyanathan of Nadhi Consultants. The various teams enjoyed and participated in the game well and the learnings sank home well. Kalyan then explained a case study of an Indian power project construction where Last Planner system was practiced successfully. Dr Ashwin then illustrated the use of some LEAN tools such as BIM (Building Information Modeling), 4D modeling, Value Stream mapping, etc. with some impressive case studies.

Col. Kapoor, Head of Sobha Developers' training academy, presented a case study. He showed that LEAN can be practiced even for a simple, but repetitive, task gainfully and brought out problems in field implementation of LEAN and how they can be overcome.

True to the requirements for a Workshop, Mr Raghavan rounded off the technical expo by outlining in detail, various specific steps required for launching off LEAN in any Organisation/ Project and how it can be implemented in stages.

Mr Sampath, our indomitable DG, talked about ILCE and how the Industry can pursue LEAN further. Mr Kumar, who had started off the Event with a touch of humour, ended with a vote of thanks. It has been proposed that regular Forums be held in Bangalore to consolidate the learnings thro' sharing of experience. Almost all participants have shown keen interest in being part of the 3-4 forums proposed which is a clear indication of the eagerness of the industry to go LEAN.

N. Raghavan, Advisor ILCE