

# Introduction to Lean Construction Basics

*A full-day seminar for developers, architects, contractors and manufacturers/suppliers of wood-based building products*

## Who Should Attend?

- Architects with an appreciation for innovative wood-based building products
- Developers of commercial, residential and resort properties
- Manufacturers/suppliers of wood-based building products
- Building contractors

This full-day introduction to lean construction focuses on methods that encourage collaboration between developers, architects, contractors and key suppliers that maximizes value for all project stakeholders and minimizes waste in the design and construction of building projects.

This one-day seminar will cover Lean Construction Basics by introducing key concepts, principles and techniques that differentiate Lean Construction from current project delivery practices. The agenda is built around the Three Opportunities in a way to surprise and provoke participants and to shift one's view of the "common" sense. The seminar will include hands-on simulations and discussion.

## What is Lean Construction?

Lean construction is a production management based project delivery system emphasizing the reliable and speedy delivery of value. It challenges the generally accepted belief that there is always a trade-off between time, cost and quality.

Lean construction is a new way to design and build capital facilities. Lean theory, principles and techniques, taken together, provide the foundation for a new form of project management. From roots in production management, lean construction has produced significant improvements particularly on complex, uncertain and quick projects.



Dick Bayer has been the Interim Executive Director of the Lean Construction Institute since July 2010 and a Board Member of LCI since 2009. He has consulted on over 25 lean or IPD projects throughout the country, worked with numerous construction and design firms on lean strategy, and still consults in lean on a part-time basis through the ReAlignment Group of which he is the president.

Dick has dedicated his career to solving difficult and intractable problems and delivering claims-free projects. He is a licensed attorney, having practiced construction law in Colorado, California and Idaho for the past 35 years. He has written extensively on lean construction, partnering and dispute resolution, and is a frequent lecturer on these topics.

**Tuesday, March 29, 2011  
from 8:00 am to 3:00 pm**

at the Hilton Metrotown  
6083 McKay Avenue in Burnaby, BC

**Registration fee is only  
\$100.00 (HST included).**

Fee includes all program materials and handouts, breakfast, lunch and break refreshments. A continental breakfast will be served from 8:00 to 8:30 am.

For more information about this seminar, please contact Paul Dauphinee at (778) 862-3454

# Introduction to Lean Construction Basics

## Registrants

_____ Last name (please print)	_____ First Name	_____ Company		
_____ Last name (please print)	_____ First Name	_____ Division		
_____ Last name (please print)	_____ First Name	_____ Address		
_____ Last name (please print)	_____ First Name	_____ City	_____ Province	_____ Postal Code
_____ E-mail address for main contact		_____ Phone	_____ Fax	

## Contact Information

For more information about this seminar, please contact Paul Dauphinee at (778) 862-3454. To register for this seminar, please email or fax this form to Kelley Stewart at: Email: [kelley.stewart@fpinnovations.ca](mailto:kelley.stewart@fpinnovations.ca) • Fax: (604) 222-5690. Deadline to register is March 22, 2011.

## Payment

This seminar is being offered at a cost of only \$100.00 (includes HST); each additional company registration is \$75.00. Cost includes breakfast, lunch and handouts. Fee is non-refundable as of March 23, 2011.

<input type="checkbox"/> Visa	_____ Card Number	_____ Expiry
<input type="checkbox"/> MasterCard	_____ Cardholder's Name	
	_____ Cardholder's Signature	
GST #848507729	_____ Cardholder's Email Address <i>(receipt will be emailed to the cardholder)</i>	

**THE LEAN CONSTRUCTION INSTITUTE (LCI)** <http://www.leanconstruction.org/> LCI is a non-profit research organization, was founded in August 1997. LCI's purpose is to develop and disseminate new knowledge regarding the management of work in design, engineering and construction for capital facilities. LCI has developed the Lean Project Delivery System© (LPDS), and the Last Planner® System of production control. Lean Construction is a production management-based approach to project delivery - a new way to design and build capital facilities. Lean production management has caused a revolution in manufacturing design, supply and assembly. Applied to construction, Lean changes the way work is done throughout the delivery process. Lean Construction extends from the objectives of a lean production system - maximize value and minimize waste - to specific techniques and applies them in a new project delivery process extending from project definition through design, supply and assembly.

**FPIINNOVATIONS** is Canada's leading forest products research institute. It conducts research, provides technical services and carries out technology transfers in the areas of wood harvesting, wood products, pulp and paper, nanotechnology, bio-energy generation and chemical production. With a staff of approximately 550, it has research laboratories in Québec City, Montréal and Vancouver, and technology transfer offices across Canada. For more information about FPIinnovations, visit [www.fpinnovations.ca](http://www.fpinnovations.ca)

### PRE-READING:

Please read the files posted in [http://www.leanconstruction.org/files/brief\\_intro\\_readings](http://www.leanconstruction.org/files/brief_intro_readings). Additional information and reading materials about lean construction theory and application can be found at <http://www.leanconstruction.org>.