



Tapping
the Future

2014

CONFERENCE
KITCHENER•ON

CSC Conference 2014 – TAPPING THE FUTURE
Kitchener, Crowne Plaza Kitchener/Waterloo
May 21-25, 2014

Session	6A
Date	May 23, 2014
Time	10:30 – 11:30
Speaker	Arthur Winslow, C.E.T. (Arch), GSC

Integrated Project Delivery Leadership in Canada

- Brief summary – This is a presentation about how Integrate Project Delivery and LEAN methods address many of the issues facing Design and Construction delivery in Canada. It summarizes the current state construction in Canada and identifies LEAN that can be easily implemented to eliminate wastes and streamline design and construction.
- Objectives – Identify the current state of Design and Construction in Canada. Teaches what IPD and LEAN methods are. Discusses the features of Canada's first Integrated for of Agreement(IFOA). Identifies the challenges and benefits of IPD delivery and discuss some of the metrics from two of the largest IPD delivered projects in Canada, Moose Jaw Hospital and St Jerome's University.
 - Enable attendees to - Understand the current state of Construction in Canada. Learn how IPD and LEAN methodologies aid in delivering construction and customers operations. Learn what a relationship contract is and understand the features of Canada's first Integrated for of Agreement (IFOA). Participants will be made aware of the challenges and benefits of IPD and LEAN. Attendees will also see some of the metric's from two of Canada's early IPD delivered projects.(i.e. Moose Jaw Hospital and St Jerome's University).
- Presentation - The presentation is a discussion about a highly collaborative and LEAN approach to Design, Construction and Operations, called Integrated Project Delivery(IPD), benefits the participants and customer.
 - It starts by identifying the challenges facing the construction industry. Then discusses the financial challenges that owners face and how reducing wastes, inherent in the construction process are identified and eliminated. The presentation then goes on to specifically identify the 8 wastes of LEAN construction and speaks to being an outcome based management structure.
 - We identify the various stages involved in delivering a project using IPD.

Construction Specifications Canada•Devis de Construction Canada

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- Bigroom
 - the 5 Big ideas
 - 7 –ways and user input meetings(3P)
 - How we use mock-ups to support design
 - Pull Planning and Take Time
 - How BIM is used throughout the stages
 - Target Value Design
 - Validation
 - Working Drawings
 - Construction
 - Lean construction techniques & Take Time Planning

Speaker bio

Art is highly experienced in coordinating high performance teams, having managed large scale, multi-phased projects with field and management teams of over 100. His management skills have been obtained through various roles within the construction industry, including Operations Manager, Branch Manager, Project Manager and Estimator.

With more than 25 years of experience, Art was selected to lead Graham's foray into the Integrated Project Delivery(IPD) where he is able to combine his existing industry knowledge with IPD and LEAN skills.

Art is involved with several IPD projects and remains Project Director for Canada's first IPD project, Moose Jaw Hospital and more recently, Art has began to lead the team on Canada's second IPD project, St. Jerome's University(Residence and Academic centre).

As the Canadian IPD leader, Art is asked to consult and present at many Construction related industry events across Canada and has consulted with a variety of Canadian and Provincial Governments including several Infrastructure and NGO's. He also sits on several boards including a CCDC panel where he is helping to develop the Canadian standard IPD contract.

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