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INTEGRATED PROJECT DELIVERY ALLIANCE

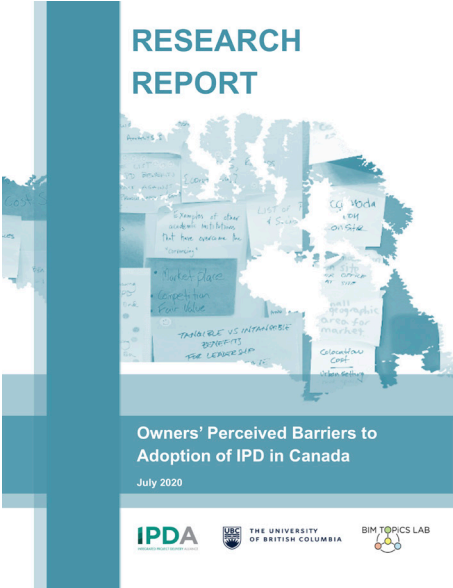
## TOUCHING BASE

AUGUST • 2020

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### RESEARCH REPORT



Owners' Perceived Barriers to  
Adoption of IPD in Canada  
July 2020



JOIN US SEPTEMBER 25TH TO MEET THE RESEARCH TEAM AND HEAR THEIR FINDINGS FIRST HAND ON THE NEWEST CANADIAN IPD RESEARCH RELEASED!

Integrated Project Delivery (IPD) implemented together with Lean Construction practices and Building Information Modeling (BIM), are seen as the most promising means for the improvement of productivity and project performance within the AEC (Architecture, Engineering, Construction) industry. While IPD is emerging as a viable delivery model in the AEC industry with success stories from Canada and around the world, some Canadian owners are still hesitant to give it a try. This research aims to better understand building owners' challenges with IPD in the Canadian context and to identify the major barriers and critical factors that influence (and, in particular, stand in the way of) IPD adoption.

In the webinar, the UBC research team will introduce six major categories of perceived Barriers to Owner Adoption of IPD based on more than 30 hours intensive data collection at three forums with more than 50 public and private owners and owner representatives. The presentation of research findings will be followed by a panel discussion with the participants.

The report can be found the IPDA Website under the Research & Performance tab at [www.ipda.ca/research-performance/industry-research](http://www.ipda.ca/research-performance/industry-research).

*Research Team Details on Page 2*



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# TOUCHING BASE

## OWNERS' PERCEIVED BARRIERS TO ADOPTION OF IPD IN CANADA RESEARCH TEAM



Devarsh Bhonde



Dr. Sheryl Staub-French

DEVARSH BHONDE is a Ph.D. Student in the Department of Civil Engineering at the University of British Columbia (UBC). He joined UBC in 2017 and received his master's degree in Structural Engineering and a bachelor's degree in Civil Engineering from the Indian Institute of Technology (IIT) Kharagpur in 2015. His research primarily focuses on improving collaboration and communication between stakeholders in the construction industry through the use of technology. His recent research projects include analyzing the performance benefits of using Virtual Reality (VR) for design inputs, improving the design coordination process using cloud-BIM tools, and applying visual analytics tools to ease the document control and progress management process.



Dr. Puyan A. Zadeh



Helen Goodland

DR. PUYAN A. ZADEH is a Research Associate and a Lecturer at the Project and Construction Management (PCM) group at University of British Columbia (UBC). He is also a Building Innovation Specialist and the founder of Pyramoon Innovations. He obtained his MS and PhD in Informatics in Civil Engineering from Technische Universität Darmstadt (TUDa) in Germany and joined UBC in 2013. His current research at UBC covers topics related to innovation in construction including BIM-based Project Management, adoption of IPD and Lean Construction, AI applications in Construction, Digital Fabrication and Modular Construction, Computation in Construction, as well as XR (AR/VR/MR) for Construction.

DR. SHERYL STAUB-FRENCH is a Professor in the Department of Civil Engineering at the University of British Columbia. She received her BS in Civil Engineering from Santa Clara University and her MS and PhD from Stanford University. She is Director of the BIM TOPiCS Lab where she leads research focused on understanding and improving best practices for the delivery of sustainable building construction projects through effective and collaborative use of Building Information Modeling (BIM). She is also the Advisor to the Dean of Applied Science on Equity, Diversity and Inclusion and leads a targeted recruitment strategy for UBC Engineering that plans to increase the number of women enrolled in its programs to 50% by 2020.

HELEN GOODLAND is an architect registered in the UK and has an MBA from the University of BC. She brings over 30 years of experience working on transformative solutions for the real estate and construction industries in Canada and around the world. She is also a compelling public speaker, facilitator and educator.

Helen is firmly committed to achieving truly sustainable buildings within the next decade. She is also passionate about advancing leadership opportunities for women in construction technology. To this end, she participates on numerous boards and committees. Currently she serves on the National Zero Waste Council's construction task force, on the Board of Directors of CanBIM, and has been the chair of the UN Sustainable Buildings Initiative's Materials Technical Committee.

Helen is one of the BC Sustainable Energy Association's climate action heroes and has been nominated as a YWCA Woman of Distinction. In 2017, she received the Vancouver Regional Construction Association's Outstanding Woman in Construction Award.



Have you saved the date for this year's Annual Action Agenda Planning and AGM (AAAPM)?