



COAA: Forty-one years of providing an innovative forum for the exchange of information and ideas, and of stimulating leadership in our drive for safe, effective, timely and productive project execution.

BP XXII: Twenty-two annual Best Practices Conferences, showcasing the development and promoting the adoption of two dozen industry best practices.

MAY 13 & 14: Twenty four hours of unparalleled learning, networking and inspiration for those who believe in heavy industrial construction excellence.

WELCOME TO COAA BEST PRACTICES XXII

Tuesday – May 13th	4:00 – 9:30 pm	Wednesday – May 14th	8:00 am – 4:00 pm
<ul style="list-style-type: none"> • Registration Desk opens – 3:00 pm • Industry Leaders Panel Discussion – 4:00 pm • The Productivity Imperative – Hon. David Hancock, Premier and Minister of Alberta Innovation and Advanced Education • The Safety Imperative – Hon. Thomas Lukaszuk, Minister of Alberta Jobs, Skills, Training and Labour • Supper – Marketplace Marché Dining • COAA Award Presentations • Keynote Speaker – Robert Porter Lynch – Construction Productivity: Trust, Alliances and Innovation • Reception & Networking 		<ul style="list-style-type: none"> • Registration Desk opens – 7:00 am • Coffee, muffins & fruit – 7:00 am • Plenary Session – 8:00 am <ul style="list-style-type: none"> ○ Twice as Safe, Twice as Productive – Case Studies ○ Workforce Forecast & Demand Projection • Buffet Lunch • Workshops <ul style="list-style-type: none"> ○ Eighteen topics presented in three sessions 	

Tuesday Highlights

- Get the straight goods from industry leaders with the Industry Leaders Roundtable panel discussion: **“Twice as Safe, Twice as Productive – Together We Can Do It”**. Moderated by COAA President Ernie Tromposch, the panel features four senior leaders from owner companies, engineering firms, contractors and labour providers
- Get the **big-picture perspective** from senior government leaders
- **Catch up with colleagues** from across our industry at supper and an evening reception
- Applaud safety excellence at the **COAA awards presentation**
- Broaden your knowledge base: listen to **keynote speaker Robert Porter Lynch** on best practices for using trust, alliances and innovation to unlock the productive capacity of highly skilled project teams
- Discover a million-dollar idea at one of the **information booths and R&D poster presentations**

Wednesday Highlights

- Two case studies that demonstrate “Twice as safe, twice as productive” are not empty words - it can be done!
- Look into the future with the ever-popular presentation on the BuildForce Canada **Workforce Forecast** (Herb Holmes) and the **COAA Demand Projection** (Douglas Akhimienmhanon)
- Tap into the heart of BP XXII by making your pick of three from **18 great workshops** in three tracks



Workshops “Up close and personal with the issues that matter most to you”	Track A 10:15 – 11:45	Track B 12:45 – 2:15	Track C 2:30 – 4:00
Safety Committee			
<p>Canadian Model for Providing a Safe Workplace Drug and alcohol policy, including testing, is an important part of risk management in many organizations. But keeping up to date on the rules and regulations, practices, experiences, and legal judgements can be a challenge. This workshop offers hot-off-the-press clarity by bringing together a panel of subject matter experts to discuss the most recent review of the COAA Canadian Model Best Practice, with a focus on recent legal and scientific developments and upcoming issues. It will be of value to anyone with a stake in the implementation and administration of the Canadian Model within their company or worksite, including project management, labour relations, human resources and safety professionals.</p>	✓	✓	
<p>Winter Works Best Practice This new Best Practice outlines the proactive approach to managing the risks of working at cold and icy sites ... and May is not too early to start thinking about and planning for next winter! Learn about the best thinking in Alberta on the topics of site preparation, equipment readiness plus PPE and crew preparedness. Ensure your company is equipped with leading practices to deal with the chilly realities of Canadian winter.</p>	✓		✓
<p>COAA Partner: Alberta Construction Safety Association Safety <u>and</u> Productivity? Learn how the new initiatives of ACSA align the complementary goals of safety and productivity. Get an overview of the training courses, e-learning opportunities, standard procedures, information posters and ACSA services that can assist your company. Gain some tips on creating an organizational culture which combines “twice as safe” <u>and</u> “twice as productive” as we take our companies and our industry to the next level.</p>		✓	



Workforce Development Committee			
<p>The ICCS Journey – Standing Up a COAA Best Practice ICCS (Industrial Construction Crew Supervisor) is a designated Occupation with Alberta Industry and Trade and can help give your front-line leaders the edge they need to succeed.</p> <p>ICCS is also a COAA Best Practice. Have you heard of it? Come find out more about the journey of the ICCS Tri-Partite Alliance Team to take an unknown best practice and make it known by creating an industry team of competitors across Owners (Shell, Suncor, Imperial), Contractor Companies (Chemco, Ledcor, North American Construction Group), and Labour (CLAC, BTA, Merit) to stand up an Industry Standard for Front Line Leader training. We want to tell you the value a baseline training standard for Front Line Leaders brings to us as Owners and how we see the future moving forward; to improve safety performance and productivity.</p> <p>We believe Field Coaching and Mentoring is another key component in developing Front Line Leaders. This workshop will also be an opportunity for you to provide input to help us shape an emerging COAA Best Practice for Coaching and Mentoring.</p>	✓		✓
<p>Apprenticeship: Building the Industry’s Future Skilled trades shortages are and will continue to be a major impediment to productivity and business growth. As it becomes increasingly difficult to lure skilled workers from elsewhere, the best employers will adopt hands-on, leading-edge strategies to attract, train, and retain the next generation of apprentices and tradespeople. This workshop will address opportunities to build a skilled trades workforce through apprenticeship, and will include a discussion of the most effective ways to engage today’s youth and apply best practices for developing skills and retaining talent. The proven business case for apprenticeship training, based on Canada-wide research, will also be presented.</p>	✓		
<p>COAA Partner: Women Building Futures (WBF) Alberta’s Largest Untapped Labour Resource Construction workers are increasingly in short supply, but one untapped resource is available – women. For the past 10 years, WBF has been providing a steady stream of informed, competent and motivated apprentices and equipment operators to Alberta’s construction industry. Learn some simple but effective practices your company can put in place to help recruit, train and retain this emerging skilled labour pool. Case studies will provide inspirational examples of best practices from both individuals and their employers.</p>		✓	



Construction Performance Committee			
<p>Alberta Report II - Benchmarking Phase II Findings</p> <p>Phase II is now complete and provides considerable learning from the 2009 Phase I report. The increased learning has been achieved with a much larger database plus increased local expertise and assistance to project participants, through the collaboration with the University of Calgary. In addition, enhancements to the questionnaire based on Phase I learnings have proven successful in getting better data. The changes seen in project execution and performance since 2009 will be the focus of the presentation.</p>	✓		✓
<p>Benchmarking Phase III - What is New?</p> <p>This phase builds on the new learnings and improvements. The COAA benchmarking effort will be able to take advantage of the new Construction Industry Institute 10-10 benchmarking program, which has been well received in the United States. This new approach uses more frequent, shorter questionnaires which focus on team effectiveness. 10-10 benchmarking works in conjunction with the existing program. Workshop attendees will leave with an understanding as to how project performance can be improved and an appreciation of the power of COAA benchmarking tools and how they can add value to Alberta projects.</p>		✓	
<p>COAA Partner: UofA Hole School of Construction Engineering</p> <p>Connecting Real World Challenges with R&D Solutions</p> <p>This session will provide a forum for interested companies to explore with Dr. Aminah Robinson Fayek and her senior students how ongoing R&D research can provide practical solutions to real world problems facing the Alberta construction industry. The session will highlight a combination of practice-ready research, preliminary findings from ongoing research, and new research with the opportunity for companies to participate. Topics covered will include career paths of tradespeople, factors and practices affecting labour productivity, and the linkage between organizational competency and project performance. This workshop provides both an overview of potential R&D solutions and structured interactive conversations with the researchers, with an emphasis on putting the research deliverables to work – improving project performance and increasing competitiveness.</p>	✓		
<p>Managers, Listen to Your Workers!</p> <p>In a culture where execution hiccups often get sugar-coated, do you know the truth on your projects? The workers on this panel discussion represent the boots on the ground of your past and current projects who “make it happen” despite management’s best efforts. Come hear firsthand from front line supervision as they frankly discuss issues on constructability, project planning, engineering management, construction management, communication, supervision and leadership. You will walk away with a new appreciation and insight from their unvarnished observations.</p>			✓



<p>Engineering Work Package “Rules Of Credit”</p> <p>Our industry continues to experience problems in the Front End Engineering phase, with accurately forecasting the completion dates of EWP’s needed to meet the Path of Construction. This workshop will propose “Rules of Credit” for assessing EWP progress, including progressing of discipline drawings. Audience feedback on these proposals is valued. We expect this to be a very active workshop - roll up your sleeves and sign up!</p>		✓	
<p>WorkFace Planning Case Studies</p> <p>Do you need to convince your team about the benefits of implementing the WorkFace Planning Best Practice? This workshop is for you – and your whole team. An important part of the COAA-CII joint initiative was documenting the benefits through case studies and expert interviews. One example: the SIGNIFICANT improvement in safety once WFP was implemented on projects. We will also look at new case studies that continue to add to the evidence of productivity improvement and will seek your involvement in bringing forward more project documentation for WFP.</p>	✓	✓	
<p>Certification of WorkFace Planning Professionals</p> <p>We have the Best Practice – now we need the professionals to implement it. This new initiative will create/support consistent knowledge base, training and experience across the industry – evidenced by certification of WorkFace Planning Professionals (WFPP). We have strong support across COAA/CII members and industry stakeholders. Your input into the process is needed to help determine the appropriate certification criteria. Together we will make a positive change for our industry.</p>			✓
<p>Aligning Engineering & Procurement with Construction</p> <p>COAA and CII have joined forces once again to streamline the flow of information from the front end of the project through to execution. Join this workshop to assist/see how this joint committee is progressing on proposed best practices. There will be interactive sessions to whether industry attendees are aligned with the path down which this committee is headed – for instance, a template for project execution plans and tactics for synching vendor information schedules with EWP schedules.</p>		✓	✓



Contracts Committee			
<p>New Best Practice: Contract Strategy – One Slice or Two? The Contracts Committee will present a detailed picture of the Contract Strategy Best Practice in action, utilizing a humorous skit to display the use of the work process and the interactions of the project stakeholders. This workshop will be of interest to senior leaders responsible for setting corporate direction on major projects, and will be a valuable opportunity to learn about this new best practice.</p>	✓	✓	
<p>Contract Formation - Promoting Productivity – Panel Discussion How can the form of contract, ease of application and interpretation promote efficiency? A panel of industry in house counsel chaired by outside counsel will examine contract formation, presentation and preparation with a view to increasing and promoting workplace efficiency, reducing conflict and aligning interests, all to enhance workplace efficiency and productivity. Examples of terms and conditions inhibiting efficiency will be contrasted with model language prepared to promote harmony. Contract forms and contracting models allowing risk allocation without creating adversarial tension will be explored in an interactive panel dialogue.</p>		✓	
<p>COAA Partner: Productivity Alberta Aligning the Supply Chain and Project Execution This workshop will engage industry leaders in a discussion of the current state of construction project execution in Alberta and the improvements that might be made to better align Alberta's productivity with proven global best practices. A detailed plan will be presented for supply chain optimization, with interactive opportunities for participants to get involved in a discussion of methodologies to evaluate performance of their own organization.</p>			✓
<p>Contract Administrator's Tool Kit Help to define the elements of this essential reference. Successful projects are built on well-managed contract administration processes, covering contract development at the front end of a project through to the contract close-out. A comprehensive Contract Administrator's tool kit will provide an invaluable resource for educators, new graduates and existing professionals. Attendees will play an instrumental role in the developing of this tool-kit by providing industry feedback and suggestions in response to the draft developed by the committee.</p>	✓		✓