



COAA
Construction Owners
Association of Alberta

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NEWSLETTER

Twice as Safe, Twice as Productive by 2020 Progress Report

In keeping our members up-to-date with our Twice as Safe, Twice as Productive by 2020 initiative, we are excited to announce we are on the home stretch toward the development of a high level productivity metric. The Industry Leaders Roundtable met in August to review and endorse the Alberta High Level Productivity Metric developed for COAA by CII. The unique feature of this metric is that companies will be able to determine their level of productivity, and dig deeper to find the root causes of low productivity and set improvement goals. The productivity metric was presented to attendees at the 2015 COAA Annual General Meeting.

Communication will be paramount in the roll-out of the High Level Productivity Metric and COAA will work with GO Productivity on this front. This collaborative alliance between COAA, CII and GO Productivity will allow the entire process of developing and distributing best practices to be covered with a focus on the productivity aspect of the COAA initiative. Through marketing, networking and consulting support, GO Productivity will be the ideal partner to demonstrate COAA best practices in productivity to help raise awareness and

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encourage implementation. GO Productivity excels in identifying productivity challenges and opportunities, providing a visible productivity centre for excellence, and is a one-stop shop for training and tools for improving productivity. We are proud to have GO Productivity demonstrating and advocating for the successful application of COAA best practices. This partnership is in the initial stages and some details are still being worked out; but, you can read more about the COAA and GO Productivity relationship at: www.coaa.ab.ca. You can learn more about GO Productivity by visiting their website at: <http://goproductivity.ca>.

COAA members have embraced Twice as Safe, Twice as Productive by 2020 and we like to recognize their hard work. At www.coaa.ab.ca you can read member success stories and find out what member organizations are doing to become Twice as Safe, Twice as Productive by 2020. ■



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SAVE THE DATE **BEST PRACTICES**

CONFERENCE

May 10-11, 2016

Watch for more
information on the
COAA website.

www.coaa.ab.ca

Workforce Projections Update



COAA's Workforce Demand Forecasting Committee works hard to analyse and evaluate the many elements which play a role in the demand for workers in the heavy industrial construction sector. Some adjustments have been made to the forecast since the Best Practices Conference in May 2015 due in part to international oil production, the Canadian dollar and market access.

The Canadian Association of Petroleum Producers (CAPP) has recently revised their long term oil production forecast for Alberta from 5 million bpd by 2030 to around 4 million bpd. The impact of the drop in oil prices combined with the drop in the value of the Canadian dollar have also prompted BuildForce Canada to revise their forecast. Their most recent results are now calling for a drop in construction volumes through 2019 with recovery not expected to start until 2020.

Worldwide, the price of oil has caused an estimated \$1.5 trillion worth of oil and gas projects to be considered uneconomical according to a recent report by Wood MacKenzie. But, there is some light at the end of the tunnel. U.S. oil production has started to drop due to less drilling activity. If this drop in production continues, we can expect to see demand start to exceed supply by the third quarter of 2016 and cause the volume of oil in storage to drop. Providing OPEC doesn't increase supply or other major international events upset this course, we should start to see prices rise once the levels of oil in storage decrease to more normal levels;

which, considering the volumes in storage, may take some time.

The amount of activity we are currently seeing in Alberta's construction industry, and will likely see until next year, is largely due to investment decisions made when energy prices were high. This is true for both engineering construction volumes, and for commercial and institutional construction which are currently at high levels in both Edmonton and Calgary. While there remains a considerable amount of maintenance work on major projects, discretionary maintenance and sustaining capital spending is projected to soften until the cash flow recovers. Most new oil sands activity will be smaller incremental in situ projects as opposed to mega projects such as new mines and upgraders.

Shipments of LNG from the newly completed Cheniere Energy Sabine Pass Project in the U.S. are about to start moving and a second project has been approved for production to start in 2018. This will put Canada behind the U.S. in developing LNG markets. In Canada, so far, only one of the 19 proposed projects has received environmental approval and none have committed to start construction.

COAA will continue to update members on Alberta's workforce projections as conditions and forecasts change. More information about the Workforce Demand Forecasting Committee and projections from COAA/Government of Alberta and BuildForce Canada can be found online at www.coaa.ab.ca. ■

Understanding Our Canadian Model - An E-learning Experience on the Canadian Model Delivered by Construction Labour Relations — An Alberta Association

In August of 2015 Construction Labour Relations — An Alberta Association (CLR-A) launched an online e-learning program based on the most recent version, v 5.0, of the Canadian Model for Providing a Safe Work Place — Alcohol and Drug Guidelines and Work Rule.

When v 5.0 of the Canadian Model was released, CLR-A saw a need to reach a large number of people quickly with a consistent message on drug and alcohol policy as it is applied in the building trades unionized construction and plant maintenance industries. Having previously offered classroom based learning programs, with over 6000 graduates, online e-learning was the answer to reach construction leaders and administrative staff working at a large number of project locations throughout Alberta.

In order to engage the learner in the learning process, a variety of delivery methods are utilized in the e-learning program including interactive activities, videos, and quizzes. *Understanding Our Canadian Model* addresses all aspects of the Canadian Model policy including the work rule, use of prescription and over-the-counter medications, self-help, alcohol and drug testing, and effective responses to non-compliance with the work rule.

Understanding Our Canadian Model e-learning program is delivered online through BuildForce Canada, who has developed the program and offers technical assistance as needed, under CLR-A direction. The program has been designed for people who have a role in the application of the Canadian Model, particularly front line leaders. Developed in a HTML5 platform, the program can be completed on a variety of devices, including Windows-based computers, Apple computers, and tablets. The completion time is approximately three hours and a certificate is awarded at the end.

Further information on the program is available at the CLR-A website at www.clra.org where people can register online to take the program. Representatives working for an owner/client can register at no fee by contacting Danielle Belcourt at the CLR-A office in Edmonton (780) 451-5444. CLR-A invites any enquiries about the program.

V 5.0 of the Canadian Model for Providing a Safe Workplace – Alcohol and Drug Guidelines and Work Rule can be found on the COAA website or by [clicking here](#). ■

Committee Feature

It's that time of year; it's time to start preparing for winter in Alberta. Weather conditions during the winter months can create hazards on the job site and risks of harm to people, and loss to equipment, materials, production and the environment. Minimizing the impacts and hazards often requires more resources including people, materials and equipment. Initial planning will help to mitigate the effects winter weather and environmental conditions have on the project. The COAA **Winter Work Best Practice** provides recommendations for developing winter preparedness programs specific to company or site requirements.

The **Winter Work Best Practice** guides you through pre-season planning, in-season work execution and post season de-winterization focusing on site preparedness and planning, winter driving and equipment operations, and winter PPE. Using the **Winter Work Best Practice**, companies will have the best chance to eliminate or mitigate the risks associated with winter hazards, ultimately increasing safety and productivity.

Visit www.coaa.ab.ca to view the

Winter Work
Best Practice

Construction Labour Relations Presents
Understanding Our Canadian Model

Register Now »

About COAA

COAA provides leadership to enable the Alberta heavy industrial construction and industrial maintenance industries to be successful in our drive for safe, effective, timely and productive execution. We achieve this by:

- Stimulating positive change based on shared vision
- Providing a forum for dialogue, common understanding and shared vision among owners, contractors, labour providers and governments
- Creating and championing implementation of Best Practices in the construction industry
- Bringing new ideas to construction industry and government leaders

Twice as Safe, Twice as Productive by 2020 Success Stories

- Imperial Oil realized significant cost savings in the range of 20% and streamlined construction execution in the field with clear work direction. Learn more [here](#).
- Suncor is working at improving time on the tools. Find out what they're doing [here](#).

Updates

- Mark Mackay, Vice President of Engineering and Construction at TransAlta Corporation was elected as COAA President at the Annual General Meeting. Thank you Ernie Tromposch, PMO Program Manager at NOVA Chemicals, for your last two decades working with COAA and for the most recent term as President.
- CII has announced Advanced Work Packaging (AWP) has been awarded Best Practice status. Read the full article [here](#).
- Nominations have opened for 2016 COAA Best Practices Awards. Get your [nomination form here](#).
- Registration for the Construction Management program at Keyano College is now open. Register [here](#).

Upcoming Events

- The Canadian Apprenticeship Forum is hosting the [Tackling Skills Shortages in Canada: An Apprenticeship Focused Approach](#) session on November 10, 2015 in Calgary.
- Workshops on [Creating a Culture of Respect](#) hosted by Creating People Power Inc. are being held November 17, 2015 in Nisku.
- The [Alberta Chamber of Resources'](#) Annual General Meeting and Banquet will be held February 19, 2016 in Edmonton.



#800, Sun Life Place
10123—99 Street NW
Edmonton, AB T5J 3H1

Tel: (780) 420-1145

www.coaa.ab.ca