THE PACIFIC NORTHWEST ECONOMIC REGION'S

29TH ANNUAL SUMMIT

JULY 21 - 25, 2019







A Message from the Premier

I am pleased to welcome you to Saskatoon, Saskatchewan, and the 2019 Pacific NorthWest Economic Region (PNWER) Annual Summit. Saskatchewan has been a proud member of PNWER since 2008 and this is the second time Saskatoon has had the honour of hosting this conference.

Saskatchewan is home to one of the strongest and most diverse economies in Canada. We are proud to be a leader in providing the resources a growing world population needs – food, fuel and fertilizer. Our agriculture, energy and mining sectors are among the most innovative, environmentally sustainable and competitive in the world.

Saskatchewan has a long history of mutually beneficial trade with our PNWER partners. As an export dependent province, we rely on your jurisdictions as valuable markets for our products. Similarly, 85 per cent of our imports come from the United States. Our economies are integrally linked and this summit is a valuable opportunity to discuss and advance our shared interests for the benefit of our citizens.

We are also collectively facing economic headwinds that are beyond our direct control. This makes the PNWER Summit even more timely and important. We are stronger when our voices are united and it is imperative we work together to put forward sound, science-based positions to resolve these challenges.

The agenda for this summit includes topics that are important for our shared success in the future. The information sessions, tours and discussions will be informative and help us to strengthen our relationships.

Saskatoon is a beautiful city, rich in culture, history and innovation. This is captured in the many attractions throughout and around the city. I hope you take some time to enjoy these sites during your visit as well as our renowned Saskatchewan hospitality.

Lastly, I want to thank PNWER staff, Host Committee, volunteers and sponsors for your work and dedication to making this Summit a success.

Again, welcome to Saskatchewan. I wish you all the best for a successful PNWER Annual Summit.

Scott Moe Premier

COLLABORATIVE
PROSPERITY:
OVERCOMING
CHALLENGES
BY WORKING
TOGETHER
AS A
R E G I O N

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SCHEDULE AT A GLANCE

Energy & Environment Natural Resources **Economic Diversification** SUNDAY, JULY 21 Agriculture **Invasive Species** 10:00 - 7:00pm Registration - Bessborough Convention Foyer Transportation 12:00 - 1:00pm Executive Board Luncheon - Bess Terrace Lounge 1:00 - 5:00pm Executive Committee & Delegate Council Meeting (open to all) - Bess Salon Batoche Executive Committee & Sponsor Reception (invitation only) - Bess Terrace Lounge. Hosted by NELSON MULLINS 6:00 - 8:00pm Welcome Reception featuring Mayor Charlie Clark - Bessborough Gardens HOSTED BY THE CITY OF SASKATOON AND TOURISM SASKATOON Hospitality Suite - Sheraton Top of the Inn. Hosted by CN. 9:00 - 11:00pm MONDAY, JULY 22 7:00 - 5:30pm Registration - Sheraton Conference Foyer Opening Keynote Breakfast featuring former U.S. - Canada ambassadors reflecting on 7:30 - 9:00am the U.S. - Canada Relationship - Sheraton Ballroom U.S. Ambassador David Jacobson, Canadian Ambassador Michael Kergin, U.S. Ambassador David Wilkins Moderated by Scotty Greenwood, Canadian American Business Council HOSTED BY NUTRIEN Есопоміс ENERGY & 9:15 - 11:30am BORDER TRACK Natural ■ INVASIVE SPECIES DIVERSIFICATION Environment RESOURCES TRACK TRACK TRACK **T**RACK **Trade Forestry Invasive Tourism** Infrastructure Coffee Break hosted by **Species** NorthWestern Energy Resilience & Energy **Innovations** Hosted by The Butchart Gardens SHERATON SHERATON BESS WILLIAMS PASCOE BESS TERRACE LOUNGE BESS SALON BATOCHE TOP OF THE INN West Room 11:30 - 12:30pm Orientation on PNWER Governance, Working Group Action Plans, How PNWER works (Open to all)- Sheraton Starlight Room 11:30 - 12:30pm Networking Break - Sheraton Hamptons Room. Hosted by Shell 12:30 - 2:15pm Keynote Luncheon featuring the Honourable Scott Moe, Premier of Saskatchewan, and remarks by the Honourable Bob McLeod, Premier of the Northwest Territories - SHERATON BALLROOM | HOSTED BY CANPOTEX Есопоміс ENERGY & 2:45 - 5:00pm BORDER TRACK AGRICULTURE ■ INVASIVE SPECIES DIVERSIFICATION ENVIRONMENT TRACK TRACK TRACK TRACK **Border Climate Policy** Agriculture University **Invasive** *Departs at 2:30 Coffee Break hosted by & Economic Presidents' **Species** Port of Vancouver Growth Roundtable Hosted by SK Cattlemen's Hosted by FortisBC SHERATON OFFSITE AT AG IN BESS WILLIAMS PASCOE BESS TERRACE LOUNGE BESS SALON BATOCHE TOP OF THE INN MOTION- WESTERN CANADA'S FARM EXPO 5:45 - 7:45pm Reception at University of Saskatchewan featuring President Dr. Peter Stoicheff, -Marquis Hall, Buses depart at 5:30pm | Hosted by the University of Saskatchewan

Hospitality Suite - Sheraton Top of the Inn. Hosted by Cameco.

SUMMIT TRACKS

Border Track

TUESDAY, JULY 23

7:00 - 5:30pm Registration - Sheraton Conference Foyer

7:30 - 9:00am

Keynote Breakfast Panel "Building Infrastructure for the 21st Century: How does the region look forward to the future markets we need to serve" - Sheraton Ballroom

Vee Kachroo, Senior Vice President of Operations, Canpotex **Phil Lamarche,** Director of Transportation Operations, FCL

David Miller, Canadian National Railway Company

Robin Silvester, CEO, Port of Vancouver

Rep. Gael Tarleton, Washington State Legislator

Jim Titsworth, General Director, Canadian Business Development, BNSF Railway Moderated by **Jennifer Fox**, Vice President, Int'l Trade & Canada Relations, NASCO

HOSTED BY THE PACIFIC NORTHWEST BUILDING & RESILIENCE COALITION



11:30 - 12:30pm Networking Break - Sheraton Hamptons Room. Hosted by BP.

12:30 - 2:15pm

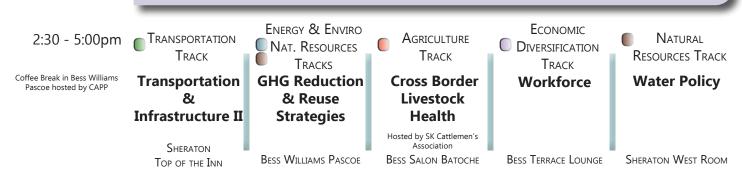
Keynote Luncheon "Capturing Asian Markets" - Sheraton Ballroom

Murad Al-Katib, President and CEO, AGT Foods

John Stackhouse, Senior Vice President, Royal Bank of Canada

Moderated by Victor Thomas, VP, Prairie Region, Asia Pacific Foundation of Canada

Hosted by The Mosaic Company



4:30 - 5:30pm Special session: Using Public Data for Economic Development - Sheraton Starlight Room

6:00 - 9:00pm PNWER Celebration Dinner featuring Métis and First Nations performers - Western Development Museum, Buses will depart at 5:45pm | Hosted by the Cement Association of Canada with entertainment hosted by K+S Potash Canada Group

9:00 - 11:00pm Hospitality Suite - Sheraton Top of the Inn

Continued on next page

SCHEDULE AT A GLANCE

(WEDNESDAY, JULY 24

7:00 - 3:00pm Registration - Sheraton Conference Foyer 8:00 - 9:00am Keynote Breakfast on the U.S. - Canada Border, featuring the Honourable Ralph Goodale, Minister of Public Safety and Emergency Preparedness- Sheraton Ballroom HOSTED BY FEDERATED CO-OPERATIVES LIMITED Есопоміс 9:15 - 11:30am AGRICULTURE DISASTER RESILIENCE DIVERSIFICATION **T**RACK TRACK TRACK 10:00am **Border Security** Ec Dev: **Cross Border** Coffee Break hosted by Executive Roundtable Food Northwest Livestock The Changing Committee Health **Dynamics of** Disaster Meeting Hosted by SK Cattlemen's **Indigenous** Resilience Association **Businesses** SHERATON SHERATON WEST ROOM BESS SALON BATOCHE BESS WILLIAMS PASCOE TOP OF THE INN 11:30 - 12:30pm Networking Break - Sheraton Hamptons Room. Hosted by Marathon 12:30 - 2:15pm Keynote Luncheon featuring a business roundtable on U.S. - Canadian Trade - SHERATON BALLROOM Scotty Greenwood, CEO, Canadian American Business Council Goldy Hyder, President and CEO, Business Council of Canada Edward Alden, Senior Fellow, Council on Foreign Relations Moderated by Colin Robertson, Canadian Global Affairs Institute Policy Tour 2:30 - 5:00pm **Policy Tour** Policy Tour Policy Tour Meewasin **Gardiner Dam Livestock and Canadian Light Executive Forage Centre** Source & VIDO Valley *Departs at **Committee Authority and** 2:15 of Excellence Intervac Meeting Wanuskewin SHERATON WEST ROOM 6:00 - 8:00pm Closing Reception at Remai Modern-Buses will depart at 5:55, walking directions available | Hosted by the Canadian Engineering and Geoscience Regulators 9:00 - 11:00pm Hospitality Suite - Sheraton Top of the Inn. Hosted by Enbridge

THURSDAY, JULY 25

6:00 - 9:00am Optional Continental breakfast- Sheraton Ballroom

6:45am - 1:30pm Nutrien Allan Potash Mine Tour- Legislators only; sign up during registration

7:00am - 2:00pm Boundary Dam Power Station Unit 3 & Carbon Capture Tour- advanced registration required

LETTER FROM THE PRESIDENT

On behalf of the Pacific NorthWest Economic Region (PNWER) Executive Board and Delegate Council, I am pleased to welcome you to the 29th Annual Summit. We are honoured and excited to be hosting you in Saskatoon this year.

The PNWER region is comprised of 10 jurisdictions that offer natural beauty, resources and economic opportunity. Every year, the Summit brings us together to discuss our common challenges, develop innovative solutions and promote further collaboration. I hope you take full advantage of the time this week to establish new relationships, strengthen partnerships and learn from others.



Over the past year, I have had the tremendous honour of serving as your PNWER President. Meeting and collaborating with colleagues from our 10 jurisdictions has been one of the many highlights of my term.

During the PNWER Economic Leadership Forum in Whitehorse, Yukon, 100 delegates gathered to discuss the importance of First Nations economic development. Attendees also offered insights on the unique challenges and creative solutions in meeting the needs of consumers and industry in the North.

PNWER also held successful capital visits to Helena, Montana; Boise, Idaho; Salem, Oregon; Olympia Washington; and Juneau, Alaska, which presented opportunities to testify in front of committees on invasive species, the importance of trade with Canada to each state, and innovation and economic development opportunities.

Further on trade, PNWER supported the United States-Mexico-Canada Agreement (USMCA) as an important part of the United States (U.S.)-Canada relationship. PNWER engaged with various members of Congress, encouraging them to ratify the USMCA and emphasized the importance of our two countries maintaining a strong trade relationship. This crossborder region continues to work closely together everyday - which is driven by our interconnected and interdependent supply chains.

PNWER has also been working actively to support the secure and efficient flow of goods and people across the border, which is critical to our shared economic competitiveness and prosperity. PNWER co-chaired and spoke at the Beyond Preclearance Transportation Border Summit in Washington, D.C. Also, I provided input to U.S. Customs and Border Protection regarding a proposed reduction of service hours at the border crossings between Montana and Saskatchewan and am pleased that the Port of Raymond will remain a 24-hour port for the time being.

It was another impressive year for the Legislative Energy Horizon Institute. To date, more than 260 state and provincial legislators have graduated. This year, 25 legislators participated in the program and will meet in Washington this fall for a second three-day course.

The PNWER Centre for Regional Disaster Resilience also hosted a number of significant events this spring, including the first statewide Unmanned Aerial System Drone Workshops in Washington and Idaho. The fifth statewide Idaho Cybersecurity Summit was attended by more than 300 participants. Throughout the week, you will learn more about our work on these issues. I encourage you to take full advantage of the policy sessions and contribute your expertise in finding innovative solutions.

Lastly, I would like to personally invite you to the upcoming PNWER Economic Leadership Forum in Seattle this November 17-19, 2019, and next year's 30th Annual Summit in Big Sky, Montana on July 19-23, 2020.

Thank you for coming to the Summit, and for all you do for this great region we all proudly call home.

Sincerely,

Larry Doke, Member of the Legislative Assembly for Cut Knife-Turtleford PNWER President 2018-2019, Legislative Assembly of Saskatchewan

ABOUT PNWER

MISSION

To increase the economic well-being and quality of life for all citizens of the region, while maintaining and enhancing our world-class natural environment.

GOALS

- Coordinate provincial and state policies throughout the region
- Identify and promote "models of success"
- Serve as a conduit to exchange information
- Promote greater regional collaboration
- Enhance the competitiveness of the region in both domestic and international markets
- Leverage regional influence in Ottawa and Washington D.C.
- Achieve continued economic growth while maintaining the region's natural environment

PNWER IS THE
PREEMINENT BINATIONAL ADVOCATE
FOR REGIONAL, STATE,
PROVINCIAL, AND
TERRITORIAL
ISSUES

Founded in 1991, the Pacific NorthWest Economic Region (PNWER) is a public-private partnership chartered by the states of Alaska, Idaho, Montana, Oregon, and Washington; the western Canadian provinces of Alberta, British Columbia, and Saskatchewan; and Yukon and the Northwest Territories.

PNWER is recognized by the federal governments of both the United States and Canada as the "model" for regional and bi-national cooperation because of its proven success.

PNWER is the leading forum where people in the policy world and the business world come together to figure out solutions to regional challenges



HOST COMMITTEE WELCOME

Shawna Argue, APEGS (Co-Chair) Ernie Barber, U of Saskatchewan Greg Brkich, MLA

David Buckingham, MLA Hon. Lori Carr, Minister of Highways and Infrastructure

Hon. Ken Cheveldayoff, Minister of Central Services/Public Service Commission/Provincial Capital

Herb Cox. MLA

Commission

Chris Dekker, President & CEO, STEP

Larry Doke, MLA (Co-Chair)

Hon. Bronwyn Eyre, Minister of

Energy and Resources/SaskWater/

Muhammad Fiaz, MLA

Glen Hart, MLA

Everett Hindley, MLA, Legislative Secretary to the Minister of Trade and

Darla Lindbjerg, President and CEO, Greater Saskatoon Chamber of

Commerce

Hon. Paul Merriman, Minister of

Social Services

Alan Migneault, President, AJM

Hon. Don Morgan, Minister of Justice and Attorney General/Labour/GTH/

Rob Norris, Senior Strategist, University

of Saskatchewan

Eric Olauson, MLA

Brad Peters, Director of Int'l Sales,

Tourism Saskatoon

Victor Thomas, Vice President, Asia

Pacific Foundation of Canada

Randy Weekes, MLA

Hon. Gord Wyant, QC Deputy

Premier/Minister of Education

Dear PNWER Delegates,

The Pacific NorthWest Economic Region (PNWER) Summit Host Committee is honoured to welcome you to Saskatchewan and the 29th PNWER Annual Summit. We are pleased to host you again for this important event in Saskatoon, our largest city. PNWER brings together the public and private sectors to tackle our common challenges and share innovative best practices. Working together, we can accomplish common goals that will strengthen the relationships amongst our respective jurisdictions and ultimately lead to greater prosperity across the region.

PNWER has a strong history of success over the years thanks to the dedication of the legislators, business leaders, academics, and policy makers that attend the Summit each year. This year's Summit will help us build on this good work as we continue to pursue new opportunities and advance our collective interests.

The agenda for this Summit includes a broad range of issues that address agriculture, technology and innovation, trade, resource development, transportation, the environment, and economic development, including a panel on the Changing Dynamics of Indigenous Businesses. It will give us the opportunity to come together and discuss subjects of mutual interest, including best practices and current challenges facing our region.

We hope you find the policy tours in the greater Saskatoon area a valuable experience. As well, we encourage you to explore the City of Saskatoon. There is much to see and do that will give you a glimpse into the significant historical and cultural landscape of this city and our province. There is an exceptional lineup of speakers from all over the region who will provide you with food for thought, and contribute to the ongoing dialogue during and after the event.

May you have a successful, rewarding experience at the 29th PNWER Annual Summit.

Sincerely,

Larry Doke, MLA

Legislative Assembly of Saskatchewan

PNWER President

Host Committee Co-Chair

Shawna Argue

Director of Registration

Shauna X. Arque

APEGS

Host Committee Co-Chair

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Betz Mayer, Program Coordinator betz.mayer@pnwer.org



SPECIAL THANKS TO OUR 2019 INTERNS

Daniel Green, University of Washington Sonora Hetrick, University of Washington Brenton Riddle, University of Washington Sarah Smiley, University of Washington

CODE OF CONDUCT

It is the policy of the Pacific NorthWest Economic Region (PNWER) that all participants, including attendees, staff, board members, volunteers, and all other stakeholders at PNWER meetings will conduct themselves in a professional manner that is welcoming to all participants and free from any form of discrimination, harassment, or retaliation. To make it possible for true collaboration, creativity, innovation, and idea exchange to thrive we are committed to facilitating a welcoming, respectful, and professional community for all.

Participants will avoid any inappropriate actions or statements based on individual characteristics such as age, race, ethnicity, sexual orientation, gender identity, gender expression, marital status, nationality, political affiliation, ability status, educational background, or any other characteristic protected by law. Disruptive or harassing behavior of any kind will not be tolerated. Harassment includes but is not limited to inappropriate or intimidating behavior and language, unwelcome jokes or comments, and unwanted touching or attention.

Inappropriate behavior will not be tolerated. PNWER reserves the right to refuse entry to or remove any party from the event at any time. Sanctions may range from verbal warning, to ejection from the meeting without refund, to notifying appropriate authorities. If you witness or are subjected to inappropriate behavior or have any other concerns, notify a PNWER staff member as soon as possible.

PNWER LEADERSHIP



Hon. Larry Doke, MLA **President** Saskatchewan



Sen. Mike Cuffe Vice President Montana



Premier Bob McLeod Vice President Northwest Territories



Rep. Gael Tarleton Vice President Washington



Sen. Arnie Roblan **Imm. Past President** Oregon

DELEGATE COUNCIL

ALASKA

Gov. Mike Dunleavy Lt. Gov Kevin Meyer Sen. Tom Begich Sen. Mia Costello Rep. Chris Tuck

Rep. Dave Talerico Rep. George Rauscher Sen. Chuck Winder (Alt).

ALBERTA

Premier Jason Kenney Richard Gotfried. MLA

BRITISH COLUMBIA

Premier John Horgan Rick Glumac, MLA Dan Ashton, MLA

IDAHO

Gov. C.L. Butch Otter Rep. Chuck Kopp (Alt). Sen. Michelle Stennett Rep. Elaine Smith Rep. Rick Youngblood Rep. Mat Erpelding (Alt)

MONTANA

Cliff Larsen Sen. Mike Cuffe Sen. Keith Reiger Sen. Jon Sesso (Alt) Rep. Derek Skees Rep. Bradley Hamlett

Gov. Steve Bullock

OREGON Gov. Kate Brown Sen. Arnie Roblan Sen. Bill Hansell Rep. David Brock Smith

Rep. Caddy McKeown (Alt)

Rep. Greg Barreto (Alt)

NORTHWEST TERRITORIES

Premier Bob McLeod Hon. Wally Schumann, MLA

SASKATCHEWAN

Premier Scott Moe Larry Doke, MLA Hon. Dustin Duncan Hon. Lori Carr Warren Steinley, MLA

> *Jurisdiction Leads on the PNWER Executive Committee are in bold

WASHINGTON Gov. Jay Inslee

Sen. Jim Honeyford Sen. Bob Hasegawa Sen. Barbara Bailey (Alt) Sen. Lisa Wellman (Alt) Rep. Bruce Chandler Rep. Gael Tarleton Rep. Cindy Ryu (Alt) Rep. Bob Sutherland (Alt)

YUKON

Premier Sandy Silver Paolo Gallina, MLA Hon. Ranj Pillai (Alt)

PRIVATE SECTOR COUNCIL

PRIVATE SECTOR **Co-CHAIRS**

Colin Smith, Engineers & Geoscientists BC Dan Kirschner, NWGA

ALASKA

John Boyle, BP Hans Neidig, ExxonMobil Cam Toohey, Shell

ALBERTA

Amanda Affonso, Enbridge Jim Donihee, CEPA Riley Georgson, Transalta Mike Simpson, Devon Energy Scott Thon, AltaLink

BRITISH COLUMBIA

David Bennett, FortisBC Dave Cowen, The Butchart Gardens Don Dalik, Fasken Martineau Hana Doubrava, Microsoft Marcia Smith, Teck

Ken Dey, J.R. Simplot Patrick Kole, Idaho Potato Commission Bob Naeurbout, Idaho Dairvmen's Assn. John Revere, INL/Battelle Jesse Ronnow, Zions Bank

MONTANA

Mike Halligan, The Washington Companies Cory Fong, MDU Resources Bob Rowe, Northwestern Energy

NORTHWEST TERRITORIES

Darrell Beaulieu, Denendeh Investments Pawan Chugh, NWT BDIC

OREGON

Curt Abbott, Oregon PUD Association Sunny Radcliffe, PGE Mark Sytsma, Portland State University Diane Warner, Northwest Cement Council

SASKATCHEWAN

Shawna Arque, APEGS Chris Dekker, STEP Bob McDonald, APEGS Alan Migneault, AJM Management Corp Natashia Stinka, Canpotex Victor Thomas, Asia Pacific Foundation of Canada

WASHINGTON

Pam Brady, BP George Caan, WPUDA Brandon Housekeeper, PSE Nina Odell, PSE

Megan Ouellette, Alaska Airlines Irene Plenefisch, Microsoft Bob Sailer, PNWLG Dennis Vermillion, Avista Courtney Wallace, BNSF Carol West, WPUDA

YUKON

Albert Drapeau, Yukon First Nations Chamber of Commerce Leneath Yanson, Yukon First Nations Chamber of Commerce

OTHER

David Miller, CN Amb. David Wilkins, Nelson Mullins

DECEMBER

2018 - 2019

PNWER President: Larry Doke, MLA (SK) assumed the PNWER presidency from Sen. Arnie Roblan (OR) at the 28th Annual PNWER Summit in Spokane, WA in July 2018



WA Rep. Zack Hudgins speaks at the Cyber Incident Reporting workshop with the PNWER Center for Regional Disaster Resilience. The Cyber CONOPS is a model for the nation.



The Economic Leadership Forum in Whitehorse, YK focused on the importance of First Nations Ec Dev. Below, Yukon First Nations Culture & Tourism, and Chief Isaac Group of Companies speak at the event.



JULY

August

CTOBER : OVĖMBED



PNWER's Legislative Energy Horizon Institute provides an extensive overview of the North American energy systems to legislators, administrators, and policy experts from around the U.S. and Canada.



In November, 34 state and provincial legislators and policymakers graduated from the rigorous Legislative Energy Horizon Institute (LEHI) program at the Canadian Embassy in D.C.



PNWER spoke at the CSG National event in Kentucky on efforts supporting the USMCA and pushing for Section 232 tariff exemptions with Canada. PNWER CEO Matt Morrison spoke with Ambassador Craft.



PNWER's CRDR hosted the first state-wide UAS Drone Workshops in WA and ID to connect Unmanned Aerial System users from the public and private sectors to improve awareness of damage post-disaster.



PNWER attended the National Governors Association 11th Annual Meeting in D.C. to discuss key issues such as USMCA, tariffs and aquatic invasive species. SK Premier Scott Moe with PNWER CEO Matt Morrison.



The 6th Annual Arctic Encounter Symposium was held in Seattle in April highlighting Innovation in the Arctic. Premier Bob McLeod of the Northwest Territories and PNWER Vice President gave a keynote speech.





PNWER visited Helena, Boise, Salem, Olympia, & Juneau and testified in committees on the importance of trade with Canada, innovation, and ec dev opportunities. President Doke seen attended by over 300 participants. Attendees testifying in MT on invasive species prevention. participated in a mock data breach trial.



Idaho Governor Brad Little provided opening remarks at the PNWER CRDR 5th Annual statewide Idaho Cybersecurity Summit



PNWER co-chairs the Beyond Preclearance Transportation Summit hosted by the U.S. and Canadian Chambers of Commerce in D.C. Pictured: Ambassador MacNaughton and Scotty Greenwood with the CABC.



CENTER FOR REGIONAL DISASTER CRDR Center for Regional Disaster Resilience

RESILIENCE



The Center for Regional Disaster Resilience (CRDR), a division of PNWER, focuses on infrastructure interdependencies and disaster resilience projects. The CRDR is committed to working with states, provinces, territories and communities to develop regional publicprivate partnerships. This is done in a very collaborative fashion to provide workable and commonsense solutions to the complex problems brought on by operating in the technology heavy 21st Century. Our collective and ultimate goal is to reduce risks and eliminate vulnerabilities while building resilience in people, organizations and institutions.

Cyber security | Drones | Critical Infrastructure |

EARTHQUAKE PREPAREDNESS

2019 saw significant ransomware attacks on governments, large and small, which have highlighted the continue need to have joint public and private sector action to improve our cybersecurity resilience.

The CRDR has continued its support of the State of Idaho's cybersecurity emphasis. In April, a Cybersecurity Summit was held in Boise with more than 300 attendees. Governor Brad Little opened this event and his leadership has set the tone for a continuing effort to make cybersecurity a priority for Idaho. Additionally, the work being done in King County, Washington on cybersecurity continued with the annual workshop that had an emphasis on ransomware as a significant threat and measures that can be taken to reduce risk to public and private organizations.



New positive uses of drones continue to be CRDR successfully completed found. The a 2017 Department of Homeland Security Resilience Challenge Grant that funded research into drone inspections of bridges in a postearthquake scenario. A workshop and a webinar discussed appropriate measures to establish a drone program. Work continued with the 2019 Resilience Challenge Grant on expanding the use of drones to support the inspection of other forms of critical infrastructure. The project entails drone workshops in Oregon, Idaho, Montana and Washington to assist states in improving the situational awareness on the status of critical infrastructure following a disaster.

Long-term power outages caused by solar activity, also called a Coronal Mass Ejection (CME), was addressed in CRDR workshop. This CME hazard is one of the top priorities for the Department of Homeland Security (DHS) due to a lack of planning that has not been done to-date. Experts on this subject provided briefings and the interdependencies between infrastructures were explored by the attendees.

VISIT REGIONALRESILIENCE.ORG



Legislators, municipal leaders, committee staffers, executive branch officials have graduated from the program to date



Hours contributed by legislators to participate in energy training



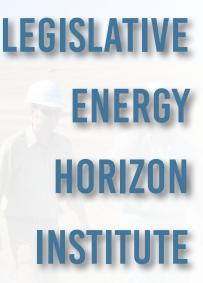
Split into two sessions in Richland, WA and Washington, D.C.



Legislators give LEHI a rating of 4.83 out of 5 on quality, saliency and content



LEHI is in its 9th consecutive successful year. Formal assessments show learning increases in every course module every year



JULY 6 - 9, 2019 | RICHLAND, WA OCTOBER 24 - 26, 2019 | WASHINGTON, D.C.

VISIT PNWER.ORG/ENERGYHORIZON



The Legislative Energy Horizon Institute (LEHI) is a certificate program covering the North American energy system. LEHI is specifically designed to prepare emerging state and provincial leaders the ability to address the complex energy issues facing state and provincial legislatures.

The comprehensive curriculum helps policymakers understand how energy systems and infrastructure work; how energy infrastructure is built and financed; and the regulation and market impacts on energy infrastructure

- ► ELECTRIC POWER GENERATION, TRANSMISSION, DISTRIBUTION
- ► Natural Gas Production, Transmission & Delivery
- ► Petroleum 101
- ► INTEGRATING RENEWABLES
- ► SMART GRID & ENERGY STORAGE
- CANADA'S ENERGY PICTURE
- ► FUTURE OF UTILITIES & RATEMAKING
- CARBON MARKETS
- ► CYBER SECURITY
- ► OUTLOOKS FOR STATE & PROVINCIAL ENERGY REGULATION

"If you want to understand the complexity and significance of energy policy to our civil society, then LEHI is your premier 'goto' program to jump start your education"

Senator Albert Olszewski, MT

PARTNERS

University of Idaho | U.S. Department of Energy | National Conference of State Legislators (NCSL) | Government of Canada | Western Governors Association | Pacific Northwest National Laboratory | Energy Council













PNWER TRADE ADVOCACY



"When markets are open and goods are transported freely across borders, the result is economic growth, new businesses, and more and better job opportunities for individuals."

> - Larry Doke, MLA, Saskatchewan PNWER President 2018 - 2019

THE U.S. - CANADA TRADE PARTNERSHIP IS THE LARGEST IN THE WORLD

PNWER prepared and delivered letters to all of the region's congressional delegation strongly urging them to ratify the USMCA and to encourage the Trump administration to remove the steel and aluminum tariffs. These letters reiterated the importance of free, fair, and open trade for the mutual benefit of the three economies

- PNWER applauds agreement on lifting steel and aluminum tariffs and associated retaliatory tariffs
- PNWER drafts USMCA resolution and submitted to PNWER states
- PNWER testified to trade committees in 5 states as part of Annual Capital Visits
- PNWER Joined the Pass USMCA Coalition which is a group of U.S. companies and associations working to secure congressional approval of the **USMCA**

"Here in the Pacific Northwest we are stronger by working closely together, and our relationships are intact because of the ongoing partnerships in every major sector of the economy, and in state, provincial, territorial, and tribal governments."

> - Sen. Arnie Roblan, OR PNWER Past President 2017 - 2018

Since the USMCA was signed by the leaders of the U.S., Mexico, and Canada in November of 2018, PNWER has supported the trade deal as an important part of the U.S. -Canada relationship. PNWER has sent letters to and met with members of Congress to encourage them to ratify the USMCA while emphasizing the importance of maintaining a strong trade relationship with our closest neighbors.

LEADERS,

Pacific NorthWest Economic Region

PNWER met with all 29 congressional leaders from the northwest states advocating for the USMCA and repeal of section 232 tariffs.

13 **LETTERS**

Letters and statements sent directly to President Trump and Ambassador Lighthizer

\$673 BILLION

Total value of trade between the U.S. and Canada in 2017

BILLION

282.3 Canada is the United States Canada is the largest goods export market for

BILLION

Two-way trade with Canada in the Pacific Northwest

KEYNOTE SPEAKERS



EDWARD ALDEN SENIOR FELLOW, COUNCIL ON FOREIGN RELATIONS WED JULY 24 | 12:30 - 2:15PM

Edward Alden is the Ross Distinguished Visiting Professor in the College of Business and Economics at Western Washington University, and a senior fellow at the Council on Foreign Relations in Washington, D.C. He is author of Failure to Adjust: How Americans Got Left Behind in the Global Economy. He was the project director for the Council's Independent Task Force report The Work Ahead: Machines, Skills and U.S. Leadership in the 21st Century. His first book, The Closing of the American Border: Terrorism, Immigration and Security Since 9/11 was a finalist for the J. Anthony Lukas book prize. He has testified to Congress many times, written for major newspapers, and appeared on major news networks.



MURAD AL-KATIB PRESIDENT AND CEO, AGT FOODS TUE JULY 23 | 12:30-2:15PM

Murad Al-Katib, President and CEO of AGT Food and Ingredients Inc., is the guiding vision in all aspects of the business, also serving on the Board of Directors. A strong financial and strategic business thinker, able to anticipate and mitigate the risks in international trading and commodities, Murad earned his MBA then worked in trade promotion for the Saskatchewan government. In 2001, he founded Saskcan Pulse Trading, providing the nucleus for AGT, growing the company into a world leader in value-added pulses, staple food, and pulse ingredients for markets around the globe and building a Canadian start-up into a global billion dollar company.



MAYOR CHARLIE CLARK **CITY OF SASKATOON** SUN JULY 21 | 6:00 - 8:00PM

Mayor Clark was elected in 2016 with a mandate to make Saskatoon the city that gets it right - on planning for growth, creating economic opportunities, and improving safety and quality of life for all residents. Charlie is passionate about Saskatoon. He believes our history of innovation, problem-solving, and collaboration can position us as a leading city across Canada. His approach is centered on the belief that partnerships among groups with different perspectives can offer the best solutions to the challenges being faced by cities across the world. He is committed to building a community where people, see each other's strengths, where families thrive, and children see a future for themselves here.

KEYNOTE SPEAKERS



JENNIFER FOX, VICE PRESIDENT, INTERNATIONAL TRADE POLICY & CANADA RELATIONS, NASCO TUE JULY 23 | 7:30 - 9:00AM

Jennifer Fox is an advocate for Canada's role in global trade and the impact the CA-U.S. relationship has on North America's ability to compete in global trade markets. With nearly fifteen years of industry experience in supply chain logistics and trade, Jennifer has developed and maintains close relationships with both Canadian and U.S. officials to raise awareness of, and bring pragmatism to border and security issues impeding North American competitiveness. Jennifer's experience has touched on all things trade and border related from the commercial processes of import, export, and transport to the movement of passengers, people, and cross border tourism.



HONOURABLE RALPH GOODALE MINISTER OF PUBLIC SAFETY AND EMERGENCY PREPAREDNESS WED JULY 24 | 8:00 - 9:00AM

Canada's Minister of Public Safety and Emergency Preparedness since 2015. Ralph Goodale was raised on a family farm near Wilcox, SK, and educated at both the University of Regina and University of Saskatchewan, Goodale has practical experience in business, agriculture, law and broadcasting, as well as federal and provincial politics. He was first elected to Parliament in 1974, and has served in the Saskatchewan Legislative Assembly. He has held several cabinet positions previously serving as Minister of Agriculture, Natural Resources, Leader of the Government in the House of Commons, Public Works, and Finance. Goodale is the only M.P. to serve in both Trudeau governments.



SCOTTY GREENWOOD CEO, CANADIAN AMERICAN BUSINESS COUNCIL MON JULY 22 | 7:30- 9:00AM & WED JULY 24 | 12:30 - 2:15PM

Maryscott "Scotty" Greenwood is a Crestview Strategy Partner. A former American diplomat to Canada and a frequent media commentator and public speaker, Scotty serves as a business and public policy advocate, communications expert, and political strategist to Fortune 500 companies, trade associations, and non-profit organizations. CEO of the Canadian-American Business Council, she has repeatedly been recognized by Canadian newsweekly The Hill Times which has named her one of the country's "Top 100 Lobbyists" (2017), "Top 100 People influencing Canadian Foreign Policy" (2014), and "Top 100 Most influential People in Government and Politics" (2010).



GOLDY HYDER PRESIDENT AND CEO, BUSINESS COUNCIL OF CANADA WED JULY 24 | 12:30 - 2:15PM

Goldy Hyder was appointed President and Chief Executive Officer of the Business Council of Canada in 2018. Founded in 1976, the Council is a non-profit, non-partisan organization composed of the chief executives and entrepreneurs of 150 leading Canadian companies, representing every major industry and region. From 2014 to 2018, Mr. Hyder was President and CEO of Hill+Knowlton Strategies, providing strategic communications counsel to the firm's extensive and diverse client base. Prior to that, he served as director of policy and chief of staff to The Right Honourable Joe Clark, former prime minister and former leader of the then federal Progressive Conservative Party.



AMBASSADOR DAVID JACOBSON FORMER U.S. AMBASSADOR TO CANADA 2009 - 2013 MON JULY 22 | 7:30 - 9:00AM

Mr. Jacobson became Vice Chairman of BMO Financial Group in October 2013. In that role, he is responsible for driving business across all lines, including Capital Markets, Personal and Commercial Banking, and Wealth Management. Prior to joining BMO, Mr. Jacobson served as the 22nd United States Ambassador to Canada from 2009 to 2013. As Ambassador, Mr. Jacobson worked to expand the bilateral trading relationship between the U.S. and Canada, raising it to the highest level between any two countries in history. Ambassador Jacobson led the Beyond the Border and Regulatory Cooperation efforts to improve security and efficiency of the border between the two countries.



VEE KACHROO, SENIOR VICE PRESIDENT, OPERATIONS CANPOTEX TUE JULY 23 | 7:30 - 9:00AM

Vee Kachroo was appointed as Senior Vice President, Operations of Canpotex in September 2017. Vee is based out of Canpotex's head office in Saskatoon. He is a member of the Canpotex Executive Leadership Team. Prior to joining Canpotex, Vee worked for CN Rail for over 30 years, holding a variety of technical, financial, sales and marketing, commercial, and operating roles. He served as Vice President of Supply Chain Solutions from 2012 - 2017, and was responsible for subsidiaries that included Autoport, Transloads, CNWW, Great Lakes Fleet (vessels and docks), and freight optimization. Other positions at CN included Vice President Industrial Products from 2010 - 2012.

KEYNOTE SPEAKERS



AMBASSADOR MICHAEL KERGIN
FORMER CANADIAN AMBASSADOR TO THE U.S. 2000 - 2005
MON JULY 22 | 7:30 - 9:00AM

Michael Kergin is a Senior Advisor to Bennett Jones LLP. He provides advice to clients on international affairs, particularly Canada - U.S. relations. He has over 40 years of experience in the Federal Government of Canada. Michael is a former Canadian Ambassador to the U.S. (2000-2005), and to the Republic of Cuba (1986 - 1989). He was the foreign and defence policy advisor to Prime Minister Chretien, the equivalent of the National Security Advisor in the United States. After leaving government, Michael founded a consulting firm and was appointed as Special Advisor to the Premier of Ontario for Border Management.



PHIL LAMARCHE, DIRECTOR OF TRANSPORTATION OPERATIONS
FEDERATED CO-OPERATIVES LTD
TUE JULY 23 | 7:30 - 9:00AM

Phil Lamarche was recently appointed as the Director of Transportation Operations at Federated Cooperatives Ltd in May of 2019. He has been with FCL since October 2017. Prior to his arrival at FCL Phil spent over 30 years in the downstream petroleum industry, 18 of which have been in transportation and/or distribution. He has served as Chair on the Land Spill Response Committee of the Eastern Canada Response Corporation (ECRC) and has also served on the Distribution Committee with the Canadian Fuels Association. His career has taken him to every corner of the country from Halifax to St. John's, two tours in Montreal, Mississauga, Edmonton, Calgary, and now in Saskatoon, Saskatchewan.



THE HONOURABLE BOB MCLEOD
PREMIER OF THE NORTHWEST TERRITORIES
MON JULY 22 | 12:30 - 2:15PM

The Honourable Bob McLeod has served as the Premier for the Northwest Territories since October 2011. Born and raised in NWT, he has been elected three times to the NWT Legislative Assembly to represent the constituents of Yellowknife South as an Independent. Mr. McLeod has over 28 years of experience in public service with both the Government of the Northwest Territories and the Government of Canada. In addition to his duties as Premier, Mr. McLeod has served in a variety of senior roles including Minister of Industry, Tourism and Investment, Minister Responsible for the Public Utilities Board, Minister of Aboriginal Affairs and Intergovernmental Relations, Minister Responsible for New Energy Initiatives.



DAVID MILLER CANADIAN NATIONAL RAILWAY COMPANY TUE JULY 23 | 7:30 - 9:00AM

David Miller has worked in Canadian Government and Government Relations for the past 40 years. He recently retired as Assistant Vice President, Government Affairs at CN, a position he held for 16 years. Prior to joining CN, Mr. Miller worked in a variety of positions in government and public affairs. He served three years as Director of Operations and Senior Advisor to the Prime Minister of Canada. He also has experience in government as an assistant to three federal Ministers of Transport and spent time as Executive Assistant to the Leader of the Opposition. Mr. Miller spent ten years as a government relations consultant based in the Ottawa office of the firm Hill and Knowlton Canada.



THE HONOURABLE SCOTT MOE PREMIER OF SASKATCHEWAN MON JULY 22 | 12:30 - 2:15PM

Scott Moe was sworn in as Premier of Saskatchewan in 2018, after first serving in the legislature since 2011. He has previously served as Minister of Environment, Minister of Advanced Education, Minister responsible for SK Water Corporation, and Minister responsible for SK Water Security Agency. Premier Moe's priorities include a focus on increasing Saskatchewan's exports to create opportunities for people and further grow Saskatchewan's economy. To this end, he created the Ministry of Trade and Export Development with a mandate to sustain and develop relationships with Saskatchewan's current export customers and place an increased emphasis on diversifying our markets worldwide.



COLIN ROBERTSON VICE PRESIDENT, CANADIAN GLOBAL AFFAIRS INSTITUTE WED JULY 24 | 12:30 - 2:15PM

A former Canadian diplomat, Colin Robertson is Vice President and Fellow at the Canadian Global Affairs Institute. He is an Executive Fellow at the University of Calgary's School of Public Policy and a Distinguished Senior Fellow at the Norman Peterson School of International Affairs at Carleton University. Robertson sits on the advisory councils of the Johnson-Shoyama School of Public Policy and the North American Research Partnership, among others. A member of the teams that negotiated the Canada-U.S. FTA and then the NAFTA, he is a member of the Deputy Minister of International Trade's NAFTA Advisory Council and the North American Forum. He writes on foreign affairs for the Globe and Mail.

KEYNOTE SPEAKERS



ROBIN SILVESTER
PRESIDENT AND CEO, PORT OF VANCOUVER
TUE JULY 23 | 7:30 - 9:00AM

Mr. Silvester was appointed president and chief executive officer of the Vancouver Fraser Port Authority in 2009, bringing to the position extensive international experience in both the port and property sectors. Mr. Silvester spent a significant portion of his career serving in senior roles internationally with P&O Ports, having served as CEO of P&O Ports Canada in Vancouver. Mr. Silvester is involved in a number of boards: the Association of Canadian Port Authorities, the Int'l Association of Ports and Harbors, the Greater Vancouver Gateway Council, the Greater Vancouver Board of Trade, the Western Transportation Advisory Council, the Canada West Foundation, and the British Columbia Business Council.



JOHN STACKHOUSE
SENIOR VICE PRESIDENT, ROYAL BANK OF CANADA
TUE JULY 23 | 12:30 - 2:15PM

As Senior Vice President, Office of the CEO at the Royal Bank of Canada, John is responsible for interpreting trends for the executive leadership team and Board of Directors with insights on how these are affecting RBC, its clients, and society at large. Prior to this, John was editor-in-chief at the Globe and Mail (2009 - 2014), editor of Report on Business, and from 1992 - 1999, a foreign correspondent based in New Delhi, India. He has authored three books: Out of Poverty, Timbit Nation, and most recently, Mass Disruption: Thirty Years on the Front Lines of a Media Revolution. John is a Senior Fellow at the C.D. Howe Institute and the University of Toronto's Munk School of Global Affairs.



DR. PETER STOICHEFF
PRESIDENT, UNIVERSITY OF SASKATCHEWAN
MON JULY 22 | 6PM - 8PM

When he was named the University of Saskatchewan's 11th president on October 24, 2015, Peter Stoicheff promised to remain true to the university's storied past, while enhancing its focus on the future - on the university's commitment to being the university the world needs. Peter understands the need to connect the academy with communities. An active scholar throughout his career, he is highly regarded internationally for his work on modern literature, and his exploration of the history of the book and its future in a digital age. Peter has served in national and provincial leadership roles in research, scholarly, and artistic work. Peter has an undergraduate degree in English and a PhD in literature.



REPRESENTATIVE GAEL TARLETON WASHINGTON STATE LEGISLATOR TUE JULY 23 | 7:30 - 9:00AM

Gael is a former senior defense analyst for the Pentagon, a Port of Seattle Commissioner, an international business director, and most recently worked at the University of Washington for more than 8 years before joining the Washington State Legislature in 2013. As a representative for the 36th Legislative District, Gael is currently chair of the Finance Committee, and has served in a variety of leadership roles including Majority Floor Leader. She holds a master's degree from Georgetown University and a Bachelor of Science from Georgetown's School of Foreign Service. Gael always focuses on finding bipartisan solutions to statewide problems and providing opportunities to consensus.



JIM TITSWORTH, GENERAL DIRECTOR, CANADIAN BUSINESS **DEVELOPMENT, BNSF RAILWAY** TUE JULY 23 | 7:30 - 9:00AM

Jim Titsworth joined BNSF Railway in 1989 and is currently General Director of Canadian Business Development. In this role, he oversees a broad array of business development activities in Canada across all four of BNSF's Business Units. He has held a variety of positions with increasing responsibility within BNSF, including Agricultural Marketing, Iron and Steel Marketing, Consumer Products and Merchandise Equipment, Intermodal Equipment Operations, Interline and Franchise Development and now Canadian Business Development. In addition to development of BNSF's Canadian franchise, Jim's international activities have also included joint venture responsibilities in Mexico.



VICTOR THOMAS VICE PRESIDENT, PRAIRIE REGION, ASIA PACIFIC FOUNDATION TUE JULY 23 | 12:30 - 2:15PM

Victor Thomas is Vice-President, Prairie Region, of the Asia Pacific Foundation of Canada. He is a Past Chair of the Regina & District Chamber of Commerce and Vice Chair of SaskEnergy Inc. In Saskatchewan, he currently is Strategic Advisor to the President at the University of Regina, and Vice-Chair of Innovation Place in Regina and Saskatoon. Nationally, he serves on the Banff Forum Advisory Council, the National Executive for the 2020 Governor General's Canadian Leadership Conference, the Directors College Alumni Advisory Board, and on the Rideau Hall Foundation Board. Globally, he is Chair of CARE International in Kenya's Board of Directors.

KEYNOTE SPEAKERS



AMBASSADOR DAVID WILKINS FORMER U.S. AMBASSADOR TO CANADA, 2005 - 2009 MON JULY 22 | 7:30 - 9:00AM

Ambassador David Wilkins chairs the public policy and international law practice group with a special focus on U.S. - Canada interests. He proudly served as U.S. ambassador to Canada from June 2005 to January 2009, appointed by President George W. Bush. Since returning home from Canada, Ambassador Wilkins spent six years chairing the Clemson University Board of Trustees and remains as an active member of that board. He also sits on the board of United Community Bank. First elected in 1980, Wilkins served 25 years in the South Carolina House of Representatives. He was elected as speaker in 1994 - a position he held for 11 years until he resigned for his ambassadorship post.

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DETAILED AGENDA

SUNDAY, JULY 21

10:00 - 7:00PM Registration Bess Convention Foyer 12:00 - 1:00PM BESS TERRACE LOUNGE **Executive Board Luncheon** Executive Committee & Delegate Council Meeting (open to all) BESS SALON BATOCHE 1:00 - 5:00PM Executive Committee & Sponsor Reception (invitation only) Bess Terrace Lounge 5:00 - 6:00PM Hosted by Nelson Mullins 6:00 -8:00PM Welcome Reception BESSBOROUGH GARDENS

WELCOME RECEPTION FEATURING MAYOR CHARLIE CLARK

SUNDAY, JULY 21 6:00PM - 8:00PM | BESSBOROUGH GARDENS

Hosted by the City of Saskatoon and Tourism Saskatoon

9:00 - 11:00PM Hospitality Suite - Hosted by CN



SHERATON TOP OF THE INN

MONDAY, JULY 22

Registration 7:00 - 5:30PM

7:30 - 9:00AM Opening Keynote Breakfast and First Nation Welcome

SHERATON CONFERENCE FOYER SHERATON BALLROOM

OPENING KEYNOTE BREAKFAST FEATURING FORMER U.S. - CANADA AMBASSADORS

MONDAY, JULY 22 7:30AM - 9AM | SHERATON BALLROOM

A panel of former U.S. - Canada Ambassadors will kick off the Summit reflecting on the U.S. - Canada relationship.

Featured panelists include:

David Wilkins, former U.S. Ambassador to Canada (top) Michael Kergin, former Canadian Ambassador to the U.S. (center right) David Jacobson, former U.S. Ambassador to Canada (center left)

Moderated by Scotty Greenwood, CEO, Canadian American **Business Council**

Hosted by Nutrien



MONDAY MORNING

DETAILED AGENDA

MONDAY, JULY 22

9:15 - 11:30AM

Coffee Break hosted by NorthWestern Energy

Monday Morning Working Group Sessions

Trade Sheraton Top of the Inn Infrastructure Bess Williams Pascoe

Resilience & Energy

Innovations

Forestry Sheraton West Room
Tourism Bess Terrace Lounge
Invasive Species Bess Salon Batoche

Katherine Dhanani U.S. Consul General Vancouver



Consul General of

TRADE SESSION

MONDAY, JULY 22 9:15AM - 11:30AM | SHERATON TOP OF THE INN

Opening comments from Consuls General on the benefits of USMCA/CUSMA, and the path forward

Katherine Dhanani, U.S. Consul General, Vancouver **Brandon Lee**, Consul General of Canada, Seattle

A global perspective on the North American trade relationship. How is North America positioned to lead the world in trade in the 21st Century?

Edward Alden, Bernard L. Schwartz senior fellow at the Council on Foreign Relations (CFR) and Ross Distinguished Visiting Professor, Center for International Business, Western Washington University

U.S. - Canada trade panel - Commentary on current events impacting trade and the path forward.

Moderated by **Chris Dekker,** President and CEO, Saskatchewan Trade and Export Partnership

Lucia Piazza, U.S. Consul General, Calgary **Stéphane Lessard**, Consul General of Canada, Denver

Scotty Greenwood, CEO, Canadian American Business Council

Ben Voss, President & CEO, Morris Industries Ltd.

Gordon Stoner, Director, U.S. Dry Pea & Lentil Association

Action item discussion: How can PNWER work to address current trade issues?

INFRASTRUCTURE RESILIENCE & **ENERGY INNOVATIONS**

Bess Williams Pascoe | Monday, July 22 9:15am - 11:30am

Working Group Welcome

Rick Glumac, Parliamentary Secretary for Technology, MLA, British Columbia

Paul Manson, CEO, Grid Development Corp

Roadmap to Resilient, Ultra-low Energy Buildings in the Pacific Northwest PNWER is advancing the development of a "Roadmap" to improve infrastructure resilience and energy efficiency in new and existing buildings through "net zero" energy targets by 2030. Efficient buildings encourage job creation, affordability, competitiveness, and resilience. Through consultations with all levels of government and the private sector, the Roadmap will develop marketdriven strategies to promote energy efficiency including technical research; best practice sharing; promotion of innovative technologies and construction materials; industry capacity building; and workforce development. Currently, the Energy and Environment Working Group is commissioning research at the University of Victoria to examine synergies in building design and retrofit solutions that advance climate adaptation, resilience, and energy savings objectives. Join the Resilience Building Network at www.pnwer.org/energy-and-environment.

Hosted by FortisBC, Insulating Concrete Forms Manufacturers Association, Energy Trust of Oregon, RDH Building Science, Construction Center of Excellence, & BC Ministry of Municipal Affairs and Housing.

The connection between infrastructure, energy innovation and resilient cities

How do we prepare region to take advantage of new energy technologies, adapt to climate stresses, and foster resilient cities? Public leaders and industry experts will examine the connections and interdependencies between infrastructure, energy innovations and resiliency in this panel. Speakers will share their experience with these emerging opportunities as well as explore the role of cities, states/provinces, and the private sector in developing a resilient northwest.

Rep. Beth Doglio, Washington State (via phone) Ian Loughran, Owner, Vereco Homes Inc. Mayor Roy Ludwig, City of Estevan

Virginia Wittrock, MSc, Climate Research Specialist, Saskatchewan Research Council

Renewable energy in Northern / Indigenous / remote communities

Remote, indigenous, and northern communities face unique challenges and creative solutions in meeting energy needs for consumers and industry. Each panel participant will showcase the benefits of their project and address the technical, financing, and workforce challenges faced. Participants will discuss the best practices in energy efficiency and resiliency and how can they be applied in the rest of the PNWER jurisdictions.

Moderated by **Paul Manson**, CEO, DC Grid Development Corporation

Jenna Gall, Community Energy Project Manager, First Nations Power Authority

Dr. Greg Poelzer, Professor, School of Environment and Sustainability, University of Saskatchewan Jessica Nixon, CEO, Cowessess Ventures Ltd.

David Isaac, President, W Dusk Energy Group



Action item discussion and looking ahead to Seattle Economic Leadership Forum Nov. 17-19

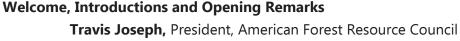
MONDAY MORNING

MONDAY, JULY 22

FORESTRY

Monday, July 22 9:15am - 11:30am | Sheraton West Room

Mark Peck Libby County Commissioner



Mark Peck, Lincoln County Commissioner, District 1, Montana



What are the current impacts to tourism, public health, and local economies from wildfires in our region? What will be the long-term impacts on our region from evermore intense wildfire seasons?

Sara Morrissey, Public Affairs Manager, Travel Oregon **Dr. Christopher T. Migliaccio**, Research Associate Professor, College of Health Professions & Biomedical Sciences, University of Montana-Missoula



What mitigation strategies are being employed in our region? What are the challenges and successes? What is going well and what needs to be improved?

Larry Fremont, Education and Prevention Coordinator, Wildfire Management Branch of the Saskatchewan Ministry of Environment **Other Jurisdictions**



Travis Joseph President American Forest Resource Council

Action item discussion

TOURISM SESSION

MONDAY, JULY 22 9:15AM - 11:30AM BESS TERRACE LOUNGE HOSTED BY THE BUTCHART GARDENS



Rep. Gael Tarletor

Welcome, Introductions and Opening Remarks

Dave Cowen, CEO, The Butchart Gardens

Rep. Gael Tarleton, Washington State Legislature

2019 Regional Tourism Dashboard

Updates on the latest regional tourism picture, including statistics on the state of the tourism industry

Matt Holme, Manager, Corporate Communications and Destination Management at Destination Greater Victoria



Case Study of Saskatchewan Indigenous Tourism Corridor

Jim Bence, President & CEO, SK Hotel & Hospitality Association

Christian Boyle, Owner, Glyph Creative Strategy

Keith Henry, CEO, Indigenous Tourism Association of Canada (invited)



CEO
The Butchart
Gardens

TOURISM SESSION CONT'D

Bess Terrace Lounge | Monday, July 22 9:15am - 11:30am

Electrification and Modernization of Tourism and Ground Transportation

How can we create a more sustainable tourism industry? And how are we able to collaborate better regionally to ensure long-term sustainable growth and become a world leader as it relates to tourism, cross-border technology; and a "Two-nation vacation" destination?

Case for regional electrification strategy & modernization of Victoria Cruise Bus Fleet

David Roberts, Managing Director, Pacific NW Transportation Services Lindsay Gaunt, Director of Cruise Development, Greater Victoria Harbour Authority

Roundtable for industry issues and briefings

Around the room call for discussion from industry

Discussion of Action items and key findings





INVASIVE SPECIES

BESS SALON BATOCHE | MONDAY, JULY 22 9:15AM - 11:30AM

Opening Remarks & Introductions

Update from Manitoba on Status of Invasive Mussels

Mussel impacts, program, challenges, and successes. What is the latest status from a neighboring province dealing with invasive guagga and zebra mussels?

> Jeff Long, AIS Director & Manager, Manitoba Ministry of Sustainable Development

Update on Federal Aquatic Invasive Species Funding, Program & Auditor **General's Report**

Fisheries & Oceans Canada to provide an overview of the federal AIS program with updates on western provincial collaboration and outcomes/findings of the Auditor General's Report. PNWER CEO to provide update on federal funding status for AIS in the west (WRDA)

> **Becky Cudmore,** Department of Fisheries & Oceans Canada (invited) Matt Morrison, CEO, Pacific NorthWest Economic Region

Legislative Panel

Legislators will have an opportunity to emphasize key concerns and issues. What are key issues being dealt with in jurisdictions?

> Rep. Terry Gestrin, Idaho Herb Cox, MLA, Saskatchewan Sen. Jon Sesso, Montana Rep. Jeff Morris, Washington





ommission Administrator Montana Dept. of Natural Resources and Conservation

Western Provinces priorities: Opportunity to emphasize priorities across Western Provinces Provincial program leads: Nicole Kimmel, Alberta; Manjit Kerr-Upal, British Columbia; Matt Tyree & Jeri Geiger, Saskatchewan; & Jeff Long, Manitoba Pacific Northwest Economic Region | 27

MONDAY AFTERNOON

MONDAY, JULY 22

11:30 - 12:30PM Networking Break | Hosted by Shell

11:30 - 12:30PM Orientation on PNWER governance, working group action

plans, how PNWER works (Open to all)

12:30 - 2:15PM Keynote Luncheon

SHERATON HAMPTONS ROOM

SHERATON STARLIGHT ROOM

SHERATON BALLROOM



SUMMIT FEATURE KEYNOTE WITH PREMIER SCOTT MOE OF SASKATCHEWAN

MONDAY, JULY 22 12:30PM - 2:15PM | SHERATON BALLROOM

Premier Scott Moe welcomes Summit attendees to Saskatchewan, followed by remarks from Premier Bob McLeod of the Northwest

Territories

Hosted by Canpotex

AND REMARKS BY PREMIER BOB MCLEOD OF THE NORTHWEST TERRITORIES

2:45 - 5:00PM

Coffee Break hosted by Port of Vancouver

Monday Afternoon Working Group Sessions

Border

Climate Policy & Economic Growth

Agriculture

University Presidents' Roundtable

Invasive Species

SHERATON TOP OF THE INN

BESS WILLIAMS PASCOE

OFFSITE AT AG IN MOTION, BUSES WILL DEPART AT 2:15

Bess Terrace Lounge

BESS SALON BATOCHE

BORDER SESSION

MONDAY, JULY 22 2:45pm - 5:00pm | Sheraton Top of the Inn



Sen. Mike Cuffe



Laurie Trautman Border Policy Research Institute

PNWER continues to serve as a top forum for U.S. - Canada border coordination and collaboration by providing input on preclearance and recommendations for potential pilots in our region. PNWER has worked with public and private stakeholders to provide input to federal partners on specific issues to facilitate cross-border travel.

Pre-Arrival Readiness Evaluation (PARE) pilot:

PARE is an automated traffic management system for commercial vehicles departing Canada, which will be used to optimize traffic flow on the Peace Bridge during a planned three-year bridge resurfacing project. CBP is working with Public Bridge Authority to exchange information of commercial vehicles to determine if commercial fees have been paid and travel documentation has been properly filed to further the efficient movement of commercial vehicles and cargo

Ron Reinas, GM, Buffalo and Fort Erie Public Bridge Authority

BORDER SESSION CONT'D

SHERATON TOP OF THE INN | MONDAY, JULY 22 2:45pm - 5:00pm

Preclearance update

Deborah Meyers, Director, Canadian Affairs & Senior Advisor on North America, U.S. Department of Homeland Security

Beyond Preclearance Initiative- Designing the inter-modal Canada -U.S. Border processes toward using smart technology

> Gerry Bruno, Vice President, Federal Government Affairs, Vancouver Airport Authority; Co-Chair of the Beyond Preclearance Coalition

Northern border, remote ports, and the need for co-location

Senator Mike Cuffe, Montana State Legislature

CBP / CBSA roundtable

A facilitated dialogue focused on utilizing technology at the border, addressing rural border crossings, preclearance caro pilot in the northwest and recommendations from the Beyond Preclearance Coalition.

> Rose Marie Davis, Director, Innovative Program Acquisitions (IPA), Office of Field Operations (OFO), Planning, Program Analysis and Evaluation (PPAE), U.S. Customs and Border Protection

CBSA Representative

Action Item Discussion

CLIMATE POLICY & ECONOMIC GROWTH

BESS WILLIAMS PASCOE MONDAY, JULY 22 2:45PM - 5:00PM

HOSTED BY FORTISBC

Climate change policies can promote economic growth and job creation by investing in new and innovative industries such as clean tech, low-carbon transportation options, energy efficiency upgrades, and agricultural and forestry investments. This session will explore the linkages between environmental policies, good jobs, and economic growth.

Welcome, introductions, and opening remarks

Hon. Dustin Duncan, Minister of Environment, Saskatchewan **Sen. Michael Dembrow,** Co-chair, Joint Committee On Carbon Reduction, Oregon

Legislative Panel: What are the economic benefits of climate action strategies?

Panelists will provide an overview of climate policies in their jurisdiction with an emphasis on the economic benefits and resulting innovation resulting from climate action strategies. Discussion will focus on emerging economic opportunities from workforce developments, tech innovation and lower energy costs; designing climate policies in line with specific emission profiles; and lessons to be shared with the rest of the PNWER region.



MONDAY AFTERNOON



Hon. Dustin Duncan Minister of Environment; Sask Water Security Agency: Sask Power



Sen. Michae Dembrow Oregon

CLIMATE POLICY & ECONOMIC GROWTH CONT'D

Monday, July 22 2:45pm - 5:00pm | Bess Williams Pascoe

Panelists

Hon. Dustin Duncan, Minister of Environment, Saskatchewan

Hon. Bronwyn Eyre, Minister of Energy and Resources, Saskatchewan **Rick Glumac,** Parliamentary Secretary for Technology, MLA, British Columbia

Senator Mike Dembrow, Oregon

Representative Gael Tarleton, Washington

Paolo Gallina, MLA, Yukon

Association of Canada

Industry perspective: How have climate action strategies contributed to the economic growth in your company / industry?

Panelists will share how climate policies have positively impacted their business through business certainty, creation of new markets, incentivizing tech innovation and workforce promotion.

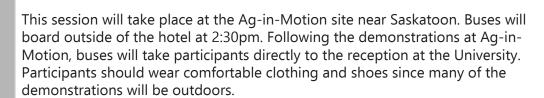
David Bennett, Director, Communications and External Relations, FortisBC **Adam Auer,** Vice President, Environment & Sustainability, Cement

Bryan Buggey, Director, Strategic Initiatives and Sector Development, Vancouver Economic Commission

Action Item Discussion

AGRICULTURE

Monday, July 22 2:30pm - 5:00pm | Offsite at Ag in Motion Hosted by the Saskatchewan Cattlemen's Association



Technology and Agriculture

See the newest agricultural technology in the field. Ag in Motion, Western Canada's first outdoor farm expo, is situated on 320 acres of prime agricultural land, northwest of Saskatoon. The session will feature live demonstrations of field equipment, crop plots, and interactive agribusiness exhibits showcasing the newest technology in ag.

Welcoming Remarks

Hon. David Marit, Minister of Agriculture, Saskatchewan



Larry Doke, MLA



Vice President
Idaho Potato
Commission

AGRICULTURE CONT'D

OFFSITE AT AG IN MOTION | MONDAY, JULY 22 2:30PM - 5:00PM

How is new technology impacting agriculture across the region? What policy updates are needed to address the growing demand for new tech in ag?

- Lack of high-tech curriculum for agriculture students we need "Techgronomists" and we need them now
- Lack of broadband coverage- can't have a Smart farm with a slow connection
- There is a need to deal with regulatory issues regarding autonomous farm equipment, how can our elected leaders work with industry to address this gap?

Robert Saik, CEO at DOT Ready Retail - Autonomous Robotic Broad Acre Farming Platform

Tour demonstrations:

- 1. DOT Demo The DOT Power Platform is a mobile diesel-powered platform designed to handle a large variety of implements commonly used in agriculture, mining, and construction. Its U-shaped frame facilitates the direct loading of implements, so that, once loaded, the implement "becomes one" with the mobile powered platform.
- 2. Drone Demo- Drone technology produces accurate, actionable, and affordable data. The surge in UAV (Unmanned Aerial Vehicle) technology allows for the collection and delivery of information that was, until recently, cost prohibitive or even impossible to obtain
- 3. Pessl/METOS technology demo. The METOS equipment is new to Western North America and it uses the LoRa network to deliver data collected by a wide range of sensors to the user in a way that is less prone to interference at a lower cost than current digital options.
- 4. U of S seminar (Soil Fertility & Herbicide technology) Using crop imagery to drive yield increases from plant breeding and crop management.

Please meet at the Sheraton Conference Foyer at 2:15pm for tour departure. Buses will leave the Ag-in-Motion site at 5:15pm and go directly to the reception at the University of Saskatchewan







MONDAY, JULY 22



Dr. Peter Stoichef
President
University of
Saskatchewan

UNIVERSITY PRESIDENTS ROUNDTABLE

MONDAY, JULY 22 2:45PM - 5:00PM | BESS TERRACE LOUNGE

Welcoming and Introductions

President and Vice-Chancellor Peter Stoicheff, University of Saskatchewan

The role of universities in Bridging Economic Reconciliation

A moderated discussion of these questions featuring indigenous leaders, followed by responses and commentary from a panel of university presidents. The Indigenous panel discussion will be moderated by **Craig Hall**, Chief Operating Officer of Indigenous Works, a non-profit national organization that helps foster successful partnerships between companies and Indigenous organizations.

- 1. What are the roles that universities can play to help Indigenous / Native American communities and institutions achieve their self-determination and well-being goals, sustainable socio-economic outcomes, and prosperity?
- 2. How can university education and research opportunities be made more attainable to Indigenous students, businesses, organizations, and communities in Canada and the U.S.?
- 3. What do we mean when we talk about 'innovation' in the Indigenous context?

Manley Begay, a Native American (Navajo) who earned his master's and PhD degrees in education from Havard, is a professor of applied Indigenous studies at Northern Arizona University and is also on the faculty of the College of Social and Behavioral Sciences, with appointments to the Department of Politics and International Affairs. He is currently co-director of the Harvard Project on American Indian Economic Development.

Judith Sayers, member of the Hupacasath First Nation (was chief there for 14 years), is currently a Strategic Adviser to First Nations and corporations, as well as an adjunct professor with the Peter Gustavson School of Business at the University of Victoria.

Lee Ahenakew, a member of the Ahtahkakoop Cree Nation and University of Saskatchewan commerce graduate, is a management consultant who builds business opportunities with First Nations and industry, with a focus in the natural resource and utility sectors. He has served as Interim CEO for the First Nations Power Authority of Saskatchewan and is currently on the board of directors. He was formerly chair of the USask Board of Governors, and is currently a board member.

INVASIVE SPECIES

BESS SALON BATOCHE | MONDAY, JULY 22 2:45PM - 5:00PM

Existing & Emerging Pathways and Threats

Potash Primer

Potash as molluskicide. The necessity/challenges of registering products in Canada. The processes and differences between the U.S. and Canada re: registration

Nicole Kimmel, Aquatic Invasive Species Specialist, Alberta Environment and Parks

Feral Swine: Overview of current distribution, research impacts, and eradication projects

Ryan Brook, Associate Professor, University of Saskatchewan

Firewood as a Pathway

Destructive pests have wreaked unprecedented havoc on regional forests. Campaign overview of infested fireword and invasive tree pests

Dr. Rory McIntosh, Provincial Forest Entomologist and Pathologist, Government of Saskatchewan

Prussian Carp: Overview of species, impacts, distribution. Current research and control

Mark Poesch, Associate Professor, University of Alberta

Action Item Discussion

5:45 - 7:45PM Evening Reception

University of Saskatchewan

RECEPTION AT UNIVERSITY OF SASKATCHEWAN FEATURING PRESIDENT PETER STOICHEFF

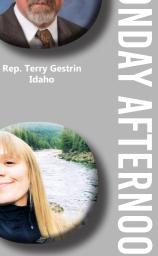
MONDAY, JULY 22 5:45PM - 7:45PM | MARQUIS HALL, USASK

The University of Saskatchewan will host PNWER attendees for an evening reception with a welcome from Dr. Peter Stoicheff, University President

Hosted by the University of Saskatchewan

9:00 - 11:00PM Hospitality Suite - Hosted by Cameco

SHERATON TOP OF THE INN





TUESDAY, JULY 23

7:00 - 5:30PM

Registration

SHERATON CONFERENCE FOYER

7:30 - 9:00AM

Opening Keynote Breakfast

SHERATON BALLROOM



TUESDAY KEYNOTE BREAKFAST: BUILDING INFRASTRUCTURE FOR THE 21ST CENTURY

TUESDAY, JULY 23 7:30AM - 9:00AM | SHERATON BALLROOM

A panel featuring Industry, Port, and Rail will discus Building Infrastructure for the 21st Century and how the region can look forward to the future markets we need to serve.

Featured panelists include:

Vee Kachroo, Senior Vice President of Operations, Canpotex (top)

Phil Lamarche, Director of Transportation Operations, Federated Co-Operatives Limited (top center)

Robin Silvester, CEO, Port of Vancouver (middle) Representative Gael Tarleton, Washington State (right) Jim Titsworth, General Director, Canadian Business Development, BNSF Railway (bottom left)

Trade Policy & Canada Relations, NASCO (bottom)

Hosted by the Pacific Northwest Building Resilience Coalition

9:15 - 11:30AM

Tuesday Morning Working Group Sessions

Coffee Break in **Bess Williams** Pascoe hosted by Washington **PUD** Association

Transportation & Infrastructure I

SHERATON TOP OF THE INN

Energy Resilience, Regional Reliability and Infrastructure

BESS WILLIAMS PASCOE

Agriculture and Cross Border Livestock

BESS SALON BATOCHE

Coffee Break in Bess Salon Batoche hosted by Alberta Beef **Producers**

Innovation

BESS TERRACE LOUNGE

Mining

Health

SHERATON WEST ROOM

TRANSPORTATION & INFRASTRUCTURE I

SHERATON TOP OF THE INN TUESDAY, JULY 23 9:15AM - 11:30AM

The Transportation and Infrastructure Working Group focuses on the infrastructure of our major corridors and gateways, with a special interest on border infrastructure.

The PNWER Innovative Infrastructure Finance Taskforce promotes best practices for public-private infrastructure financing. P3s are innovative financing models between governments and the public sector to build public infrastructure. The Taskforce leverages public and private sector expertise to educate elected officials on the potential applications of P3s and is working with Congressional leadership to fund the Regional Infrastructure Accelerator Demonstration Program which will create a regional "Center of Excellence to assist state and municipalities access existing and new funding sources; share Canadian expertise in P3 projects; support the alignment of multi-state regulations for cross border infrastructure projects; and support the streamlining of regulatory environment.

Join the Innovative Infrastructure Finance Taskforce at www.pnwer.org/ transportation.



Bruce Agnew, Director, Cascadia Center

Infrastructure Finance Opportunities and Challenges

Minister Gordon Wyant, Deputy Premier, Minister Responsible for SaskBuilds, Saskatchewan

Mark Romoff, CEO, Canadian Council of Public Private Partnerships

Kyle Toffan, CEO, SaskBuilds

U.S. Federal Infrastructure Update on 2019 transportation and infrastructure bill in Congress and discussion on regional opportunities

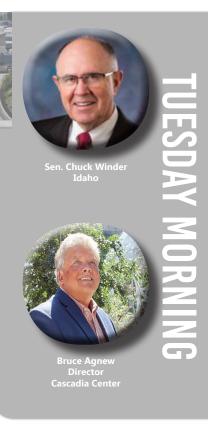
Regional Legislative Update

Hon. Lori Carr, Minister of Highways and Infrastructure, Saskatchewan

Sen. Jeff Golden, Oregon

Rep. Terry Gestrin, Idaho

Action item discussion



TUESDAY, JULY 23



UESDAY MORNIN



orthwest Ga <u>Asso</u>ciation

ENERGY RESILIENCE, REGIONAL RELIABILITY, AND THE IMPORTANCE OF INFRASTRUCTURE

TUESDAY, JULY 23 9:15AM - 11:30AM | BESS WILLIAMS PASCOE HOSTED BY MDU RESOURCES

Welcome, Introductions and Opening Remarks

Representative Derek Skees, Montana State Legislature **Dan Kirschner,** Executive Director, Northwest Gas Association

Energy Update from Saskatchewan

Hon. Bronwyn Eyre, Minister of Energy and Resources, Government of Saskatchewan

Western Canada Energy Infrastructure Mega Projects

What is the status and what are the issues around the large energy infrastructure projects - LNG Export on the northern BC Coast; TransMountain Expansion Pipeline project, and the KXL TransCanada Pipeline? What are the impacts that these projects have on the PNWER economy? If these go forward at approximately the same time, what might the implications be on our regional workforce?

Moderated by **Barry Penner**, Director of B.C. International Commercial Arbitration Centre, and former B.C. Attorney General, Environment Minister, and Minister of **Aboriginal Relations**

Bryan Cox, President and CEO, B.C. LNG Alliance

Chris Montgomery, Manager, Exploration and Production Engagement, Canadian Association of Petroleum Producers

Energy Interdependence and Resource Flexibility Discussion

What do we need to do as a region to ensure continued reliability of both natural gas and electricity infrastructure for long term economic resilience?

Resource adequacy is starting to be displaced by concept of resource flexibility. Join us for a regional discussion on defining resource flexibility, examining the nexus of where gas loads and electric generation meet. How do we address the growing interdependence of our gas and electric systems? How do we 'backstop' the NW Power Grid? What is being done to examine our North - South transmission capacity for long term reliability, especially given the impact of last winter's natural gas pipeline disruption on downstream users?

Representative Jeff Morris, Washington State Legislature

David Bennett, Director, Communications and External Relations, FortisBC

Nicolas Garcia, Policy Director, Washington PUD Association

Dan Kirschner, Executive Director, Northwest Gas Association

Frank Afranji, President, Northwest Power Pool

Action item discussion

AGRICULTURE AND CROSS-BORDER LIVESTOCK HEALTH

BESS SALON BATOCHE | TUESDAY, JULY 23 9:15AM - 11:30AM HOSTED BY THE SASKATCHEWAN CATTLEMEN'S ASSOCIATION

Welcome, Introductions and Opening Remarks

USMCA / CUSMA - How is Agriculture impacted?

Global perspective on current issues impacting North American agricultural trade. What is the path forward? What is holding us back from expanding global market share?

> Carlo Dade, Director of the Trade & Investment Centre, Canada West Foundation

Regional perspective on agriculture trade and the USMCA / CUSMA

Private sector perspective roundtable:

- 1. How have tariffs or other trade barriers impacted Ag producers and processors?
- 2. How will USMCA impact the Agriculture sector?
- 3. How can regulatory cooperation play a positive role in Canada U.S. trade and

Ryder Lee, CEO, Saskatchewan Cattlemen's Association

Rory McAlpine, Senior Vice President, Government & Industry Relations, Maple Leaf Foods

Gordon Stoner, Director, U.S. Dry Pea & Lentil Association

Public sector perspective roundtable:

- 1. What steps has your province/state taken to help facilitate trade and increase market access?
- 2. What are the biggest threats to Agriculture trade in the region and overseas?
- 3. What innovative practices are you most proud of in your state/province?

Hon. David Marit, Minister of Agriculture, Saskatchewan

Richard Gotfried, MLA., Legislative Assembly of Alberta

Representative Mary Dye, Washington House Rural Development, Agriculture, & Natural Resources Committee

Senator Bert Brackett, Chair of the Idaho Transportation Committee

Representative Brad Hamlett, Montana State Legislature

Action item discussion







Dr. Amber Itle Asst. State Veterinarian WA Dept. of Agriculture



anice Tranberg esident and CEO Alberta Cattle eders Association



ESDAY MORNING

TUESDAY, JULY 23





INNOVATION

TUESDAY, JULY 23 9:15AM - 11:30AM | BESS TERRACE LOUNGE HOSTED BY MICROSOFT

Welcome, Introductions and Opening Remarks

Senator Mia Costello, Alaska State Legislature Nirav Desai, CEO, Moonbeam Exchange

Innovation ecosystems: Building a sustainable innovation ecosystem

Showcase of how Saskatchewan works with local startups and fosters innovation. Learn from leading experts on how the province is building a sustainable innovation ecosystem.

> Jordan Dutchak, Executive Director, Co.Labs Aaron Genest, President of SaskTech, Mentor Graphics Kari Harvey, Chief Operating Officer, Innovation Saskatchewan

Overview of Innovation Cluster mapping project conducted by the University of Washington Master of Arts Applied International Studies (MAAIS) project

Innovation is crucial to the economic development of the Pacific Northwest. The project identifies recommendations for under leveraged innovation clusters in the region

Nirav Desai, CEO, Moonbeam Exchange Michael Farber, Founder, Ratio Innovation Management

Facilitated design thinking session and action item discussion

The PNWER Innovation Co-Chairs will moderate a design thinking session on Innovation ecosystems and economic diversification with all session participants

MINING

TUESDAY, JULY 23 9:15AM - 11:30AM | SHERATON WEST ROOM HOSTED BY ORANO

Welcome, Introductions and Opening Remarks

Senator Keith Regier, Montana State Legislature Pam Schwann, President, Saskatchewan Mining Association

Critical Minerals and Economic Benefit of Mining

New technologies and innovations are driving demand for mined products. What are some best practices to showcase the importance of mining in the digital age.

Tammy Johnson, Montana Mining Association

Kathleen Benedetto, Senior Advisor, Bureau of Land Management

Hilary Morgan, Director, International Affairs and Trade Division, Policy and Economics Branch, Lands and Mineral Sector, Natural Resources Canada / Government of Canada

Private Sector representative

MINING CONT'D

SHERATON WEST ROOM | TUESDAY, JULY 23 9:15AM - 11:30AM

Showcasing the Institutional Control Program

The Institutional Control Program (ICP) defines and implements a process for the long-term monitoring and maintenance of decommissioned mine and/or mill sites located on provincial Crown land in Saskatchewan.

> **Cory Hughes,** Executive Director, Mineral Policy - Resource Development Ministry of Energy and Resources Government of Saskatchewan

Dale Huffman, Vice President, Health, Safety, Environment & Regulatory Relations, Orano

Roundtable discussion with session attendees

Action item and findings discussion



Networking Break - Hosted by BP 11:30 - 12:30PM

12:30 - 2:15PM Keynote Luncheon SHERATON HAMPTONS ROOM

SHERATON BALLROOM

TUESDAY KEYNOTE LUNCHEON CAPTURING ASIAN MARKETS

TUESDAY, JULY 23 12:30PM - 2:15PM | SHERATON BALLROOM

Murad Al-Katib, President and CEO of AGT Foods (right), Canada (left) will address the opportunities and challenges the region faces in expanding Asian markets, and how we can work together to capture the greater market share.

Asia Pacific Foundation of Canada (bottom).

Hosted by The Mosaic Company



TUESDAY, JULY 23

2:30 - 5:00PM

Tuesday Afternoon Working Group Sessions

Coffee Break hosted by **CAPP**

Transportation & Infrastructure II GHG Reduction & Reuse Strategies Cross Border Livestock Health

Workforce Development

Water Policy

SHERATON TOP OF THE INN

BESS WILLIAMS PASCOE

BESS SALON BATOCHE

Bess Terrace Lounge

SHERATON WEST ROOM

TRANSPORTATION & INFRASTRUCTURE II

TUESDAY, JULY 23 2:30PM - 5:00PM | SHERATON TOP OF THE INN

Potential of autonomous, electric, connected, shared vehicles

Autonomous, connected, electric and shared (ACES) vehicles can potentially reduce congestion, limit traffic accidents, clean up our air and water, and enhance social equity by reducing the costs of personal mobility. ACES will also revolutionize the supply chain logistics world of marine, surface, and air transportation while electrification offers new business opportunities for our binational region's utilities.

Bruce Agnew, Director, Cascadia Center

Autonomous vehicles in agriculture

Seedmaster is a Saskatchewan agriculture machinery manufacturer that has developed an autonomous seeder/farm implement platform called DOT. This cutting-edge technology is also a great example of how Saskatchewan ag machinery technology is helping to reduce GHG emission.

Owen Kinch, SeedMaster Manufacturing Inc. and DOT Technology Corp

Transportation and electrification in Washington State Representative Jake Fey, Washington State Legislature

Connecting the inland northwest

The ALCAN Highway and Highway 97 are critical transportation corridors for the PNWER region. How do we strengthen these inland connections between the Arctic jurisdictions and the rest of the region? What is their value for the region's economic development?

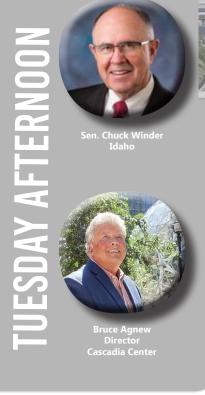
Paolo Gallina, MLA, Yukon

Mead Treadwell, former Lieutenant Governor of Alaska, and Chief Operating Officer, Alaska - Alberta Railway Development Corporation

A2A Rail was established to build, own, and operate a new railway connecting the Alaska Railroad and Alaska's tidewater, to northern Alberta (1,500 miles or 2,400 km). A2A Rail will provide critical infrastructure connecting North America to global markets through safe and efficient transport of commodities, containers, natural resources and people.

Action Items: What are the next steps to promote the PNWER agenda looking ahead to the Economic Leadership Forum in Seattle November 17 - 19, 2019

- Smart Cities & 5G
- Infrastructure Resilience
- Transportation and Market Access



INNOVATIVE GREENHOUSE GAS REDUCTION AND RESUSE STRATEGIES

BESS WILLIAMS PASCOE | TUESDAY, JULY 23 2:30 - 5:00PM

Reduction of GHG emissions is an important objective for PNWER jurisdictions. How can new technologies, such as carbon capture storage/reuse and strategies boost the carbon sink capabilities in the forestry and agricultural industries, contribute to GHG reduction strategies across the region reduce GHG emissions?

Welcome, Introductions and Opening Remarks

Senator Keith Regier, Montana State Legislature Pam Schwann, President, Saskatchewan Mining Association

Saskatchewan Prairie Resiliency Plan for Climate Change - Cooperation with the mining sector

David Brock, Assistant Deputy Minister, Climate Change and Adaptation, Ministry of Environment

Carbon capture and Storage

Anna Stukas, Business Development Lead, Carbon Engineering

Corwyn Bruce, Vice President, Technical Services for the International CCS Knowledge Centre, SaskPower

Agriculture Industry and Efforts to Reduce GHG

Tristan Skolrud, Assistant Professor, University of Saskatchewan

Forest Industry and Efforts to Reduce GHG

Mark Johnston, Distinguished Scientist, Environment Division, Saskatchewan Research Council

Concrete Industry and Efforts to Reduce GHG

Jonathan Moser, Head, Environment & Public Affairs, LaFarge Canada

Mining Industry and Efforts to Reduce GHG

Jessica Theriault, Director, Regulatory Affairs – Potash, The Mosaic Company

Comment from Canada / U.S. Federal Perspective

Stéphane Lessard, Consul General of Canada, Denver







IUESDAY AFTERNOO

Dr. Amber Itle Asst. State Veterinarian WA Dept. of Agriculture





General Manager Canadian Cattleman's Association

CROSS-BORDER LIVESTOCK HEALTH

TUESDAY, JULY 23 2:45PM - 5:00PM | BESS SALON BATOCHE HOSTED BY THE SASKATCHEWAN CATTLEMEN'S ASSOCIATION

Panel Session I: Towards More Seamless Border Crossings:

Moderator: Dr. Amber Itle

Welcome and Opening Remarks

Dr. Amber Itle, Interim State Vet, WA

Janice Tranberg, President & CEO, National Cattle Feeders' Association

Dave Moss, General Manager, Canadian Cattleman's Association

Brandon Hardenbrook, Deputy Director, PNWER

2019 Action items regulatory responses

- Electronic certification at all livestock border port crossings
- Streamline and align livestock handling procedures and standards at border ports
- Allow Restricted Feeder Cattle from U.S. to enter CAN per Restricted Feeder Cattle **Import Policy**
- USDA partner with software co. to provide carcass data to cattle breeders, backgrounders, and feedlots to incentivize EID use
- Animal Disease Traceability update (U.S).

Dr. Jack Shere, Deputy Administrator, VS USDA

Dr.Renee Oleck, National Port Services Director, USDA Ports

Dr. Jaspinder Komal, VP Science, CFIA

Dr. Mohit Baxi, Director, Animal Import-Export, CFIA

Panel Session II Animal Disease Lessons Learned:

Moderator: Ron Barker, AHEM-II project advisor

Biosecurity and Emergency management

In a world of global trade, the threat of animal disease spread is an ever-present danger. What biosecurity and other mitigation measures are being taken to prepare for an emergency situation?

> Rory McAlpine, Senior Vice President, Government & Industry Relations, Maple Leaf Foods - AHC WG Chair

Dr. Danielle Bickett-Weddle, Associate Director, Center for Food Security and Public Health

Matt Taylor, Canadian Animal Health Coalition, AHEM - II

Panel Session III Animal Disease Reports

Moderator: Casey Smit, SaskPork, Olymel

- Overview of ASF and activities to get ready
- Updates on Bovine Tuberculosis U.S. and CAN perspectives

Dr. Jack Shere, Deputy Administrator, VS USDA

Dr.Gary Brickler, Director, Dist 6, USDA APHIS VS Surveillance Prep & Resp Service (TBC)

Dr. Jaspinder Komal, VP Science, CFIA

Dr. Noel Ritson-Bennett, Veterinary Program Officer, CFIA

TUESDAY, JULY 23

WORKFORCE DEVELOPMENT

Bess Terrace Lounge Tuesday, July 23 2:30pm - 5:00pm

Welcome, Introductions and Opening Remarks

Senator Lisa Wellman, Washington State Legislature

Shawna Arque, Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)

Workforce Development is evolving across the region

How is the education community engaging with industry and stakeholders on workforce development?

> Janet Uchacz-Hart, Saskatoon Industry Education Council, RoboX Program **Lisa Shingoose**, Saskatchewan Indian Institute of Technologies (SIIT) **Dr. Larry Rosia,** President and CEO, Saskatchewan Polytechnic

Overview of Career Connect Washington, an innovative government program in Washington State focused on workforce development

Senator Lisa Wellman Washington State Legislature, Career Connect WA Maddy Thompson, Senior Policy Advisor on Education, Office of Governor Inslee

Future Launch: Preparing youth of today for jobs of tomorrow

Andrew Schrumm, Senior Manager, Research Office of the CEO, Royal Bank of Canada (RBC)

Workforce immigration mobility challenges

Showcase of how Saskatchewan and the region are addressing labour shortages

Chad Vickers, Ministry of Immigration and Career Training, Government of Saskatchewan

Roundtable Discussion: Explore how the region could move forward to address emerging challenges on workforce development.

Discussion led by Co-Chairs, Panelists, and Working Group Attendees.



WATER POLICY

SHERATON WEST ROOM TUESDAY, JULY 23 2:30PM - 5:00PM

Welcome, Introductions and Opening Remarks

Senator Bill Hansell, Oregon State Legislature

David Hill, Director, Centres & Institutes & Research Advocacy University of Lethbridge

Food marketers and consumers are increasingly valuing concepts of sustainability and environmental stewardship in the agri-food supply chain. Farmers and agrifood processors are becoming aware of the benefits of water stewardship practices and strategies to improve farm productivity and product marketability. However, global agri-food supply chains lack a coordinated and practical approach to take advantage of the opportunities of water stewardship. Supported by Nutrien and Alberta Innovates, the Agriculture Water Future Project began in late 2017 to develop a process to better define and prove the value of water stewardship across the agri-food supply chain in Alberta, with a view to how it could be applied globally.

> Mike Nemeth, BSc, MSc, P.Ag., EP, Director, Environment & Sustainability, waterSMART! Water Management Solutions





Continued on next page
Pacific Northwest Economic Region

TUESDAY, JULY 23

WATER POLICY

TUESDAY, JULY 23 2:30PM - 5:00PM | SHERATON WEST ROOM



Global view of water access

Dr. Jay Famiglietti, PhD, Professor, School of Environment and Sustainability, University of Saskatchewan

Water Policy Legislative Roundtable

A Round Robin panel of legislators from across PNWER will showcase water policy, legislative, regulatory, and finance issues from various PNWER jurisdictions. They will also explore how they are proposing to move forward and address these emerging challenges.

Herb Cox, MLA, Government of Saskatchewan

Representative Mary Dye, Washington State Legislature

Representative Terry Gestrin, Idaho State Legislature

Senator Bill Hansell, Oregon State Legislature

Senator Jon Sesso, Montana State Legislature

Action item discussion



4:30 - 5:30PM

Special Sidebar Session: Using public data for Economic Development (open to all)

SHERATON STARLIGHT ROOM

6:00 - 9:00PM PNWER Celebration Dinner

WESTERN DEVELOPMENT MUSEUM



PNWER CELEBRATION DINNER FEATURING MÉTIS AND FIRST NATIONS PERFORMANCES

UESDAY, JULY 22 6:00PM - 9:00PM | WESTERN DEVELOPMENT MUSEUM

Come join us by taking a journey through time at a reception in 1910 Boomtown where Saskatchewan-inspired stories from 1910 to the present unfold.

Attendees will experience the culinary delights of the prairies at dinner featuring First Nations and Métis performances by Grammynominated Young Spirit, a Cree drum group, and tap their toes to the rich tradition of the high-energy Asham Stompers, which combine the richness of the Métis Red River Jig with First Nations

Hosted by the Cement Association of Canada. Entertainment supported by K+S Potash Canada GP

9:00 - 11:00PM **Hospitality Suite**

SHERATON TOP OF THE INN

WEDNESDAY, JULY 24

Registration 7:00 - 3:00PM

7:30 - 9:00AM Opening Keynote Breakfast

SHERATON CONFERENCE FOYER SHERATON BALLROOM

WEDNESDAY KEYNOTE BREAKFAST THE U.S. - CANADA BORDER

WEDNESDAY, JULY 24 7:30AM - 9:00AM | SHERATON BALLROOM

Preparedness Canada will share the latest on the U.S. - Canada border.



9:15 - 11:30AM

Wednesday Morning Working Group Sessions

Coffee Break hosted by Food Northwest

10am Executive Committee Meeting (open to all) Cross Border Livestock Health

Ec Dev: First Nations & Indigenous Business Roundtable Border Security Roundtable 9:15 - 10:15 / Disaster Resilience SHERATON WEST ROOM BESS SALON BATOCHE Bess Williams Pascoe SHERATON TOP OF THE INN

CROSS-BORDER LIVESTOCK HEALTH

BESS SALON BATOCHE | WEDNESDAY, JULY 24 9:15AM - 11:30AM HOSTED BY THE SASKATCHEWAN CATTLEMEN'S ASSOCIATION

Panel Agri-Food Sector Emergency Planning Moderator: Dave Moss, CCA **Emergency response scenario**

An open dialogue on what would likely unfold in a livestock emergency event; who would be involved, possible impact across a multitude of stakeholders, and overview of the steps necessary to recover from such an event

- Emerging disease(s) of concern by species and coordinated cross border response and secure food supply plans
- U.S. and Canadian participants cross sector of value chain discuss all perspectives
- CFIA and USDA develop 'disease zoning' agreements that minimize trade disruptions between U.S. and CAN, as well as with other major trading partners
- CFIA, USDA, and Industry continue priority national EM preparedness planning
- Increase cross border USDA-CFIA collaboration regarding disease reporting by establishing/sharing reportable disease lists through secure platforms

Dr. Elizabeth Parker, International and Strategic Partnerships Specialist, AgriLife Research, Texas A&M University

Dr. Jaspinder Komal, VP Science, CFIA

Dr. Barbara Porter-Spalding, Vet Med Officer, USDA-APHIS-VS (TBC)

Dr. Jack Shere, Deputy Administrator, VS USDA

Dr. Tom Smylie, Sr Staff Vet, CFIA

Dr. Aline Dimitri, Executive Director Animal Health, CFIA (TBC)

Dr. Danielle Bickett-Weddle Assoc. Dir, Food Security & Public Health

Michael Riedy, CEM USDA ESF11 Region X Coordinator; AK, ID, OR & WA

Casey Smit, SaskPork, Olymel

Gabriela Guigou, Canada Pork Council

Patrick Webb, Director, Foreign Animal Disease, National Pork Board



WA Dept. of Agriculture





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MEDNESDAY MORN

WEDNESDAY, JULY 24

ECONOMIC DEVELOPMENT: THE CHANGING DYNAMICS OF INDIGENOUS BUSINESSES

WEDNESDAY, JULY 24 9:15AM - 11:30AM | BESS WILLIAMS PASCOE

Introduction, opening remarks and setting the stage

Senator John McCoy, Washington State Legislature Sean Willy, President & CEO, Des Nedhe Development

The changing dynamics of Indigenous businesses: How Indigenous leaders are creating world-class businesses

Moderator Lee Ahenakew, CEO, Nutraponics, and Chair of the Board of Governors, University of Saskatchewan

Jasper Lamouelle, CEO, Tli Cho Investments

Delbert Wapass, Executive Chair and Founder, Project Reconciliation Chuck Greene, Director of Economic Development, Northwest Arctic Borough (vi

Legislative Perspective: What are the opportunities and barriers to First **Nations Businesses**

What are best practices in your jurisdiction? How can we remove barriers for indigenous businesses and encourage economic growth and involvement of First Nations?

> **The Hon. Bob McLeod,** Premier, The Northwest Territories Senator John McCoy, Washington State Legislature **Representative Brad Hamlett,** Montana State Legislature







BORDER SECURITY LISTENING SESSION & DISASTER RESILIENCE

WEDNESDAY, JULY 24 9:15AM - 11:30AM | SHERATON TOP OF THE INN

Border Roundtable Listening Session 9:15 - 10:15am

Listening session featuring public and private multi-modal key stakeholders from the U.S. and Canada. Each stakeholder will have 2 - 3 minutes for comments and/or recommendations.

The PNWER Center for Regional Disaster Resilience works on emergency preparedness and disaster resilience projects across the Pacific Northwest from its Seattle office. The CRDR operates under the umbrella of PNWER and is committed to working with states, provinces, territories, and communities to create publicprivate partnerships, develop action plans, and undertake pilot projects and activities to improve regional disaster resilience cooperation

Mitigation and Resilience Planning Across the Region 10:30 - 11:30am

- 1. Lessons from Canada
- 2. How can a watershed approach work to promote disaster resilience?
- 3. What roles do government and the private sector play?
- 4. How do we incentivize preparedness and mitigation?
- 5. The United States Government is about to launch a new effort to promote disaster mitigation and they are providing a significant increase in funding. 46 | Pacific Northwest Economic Region Learn more about this new programmatic effort at this session

DISASTER RESILIENCE CONT'D

SHERATON TOP OF THE INN | WEDNESDAY, JULY 24 9:15AM - 11:30AM

Moderated by Eric Holdeman, Director, Center for Regional Disaster Resilience

Speakers:

Representative Cindy Ryu, Washington State Legislature Brad Richy, Director, Idaho Office of Emergency Management

Mike Nemeth, BSc, MSc, P.Ag., EP, Director, Environment & Sustainability, waterSMART! Water Management Solutions

David Hill, Director, Centres & Institutes & Research Advocacy University of Lethbridge

Discussion of action items

11:30 - 12:30PM **Networking Break** Hosted by Marathon

12:30 - 2:15PM

Keynote Luncheon

SHERATON HAMPTONS ROOM

SHERATON BALLROOM

WEDNESDAY KEYNOTE LUNCHEON: BUSINESS ROUNDTABLE ON U.S. - CANADA TRADE

WEDNESDAY, JULY 24 12:30PM - 2:15PM | SHERATON BALLROOM

Featured panelists include:

Goldy Hyder, President and CEO, Business Council of Canada Ted Alden, Senior Fellow, Council on Foreign Relations

Moderated by Colin Robertson, Canadian Global Affairs Institute

SHERATON WEST ROOM 2:30 - 5:00PM **Executive Committee Meeting**

SEE PAGE 52 FOR MORE INFO 2:30 - 5:00PM Offsite Policy Tours

SEE NEXT PAGE FOR MORE INFO 6:00 - 8:00PM Closing Reception

SHERATON TOP OF THE INN 9:00 - 11:00PM **Hospitality Suite** Hosted by Enbridge

WEDNESDAY, JULY 24

CLOSING RECEPTION AT REMAI MODERN ART MUSEUM

WEDNESDAY, JULY 24 6:00PM - 8:00PM | REMAI MODERN

Join us for the Summit's closing reception at the Remai Modern art museum. Attendees will enjoy a wonderful reception with the chance to explore the Remai Modern with access to the Picasso exhibits and featured galleries

Hosted by the Canadian Engineering and Geoscience Regulators



THURSDAY, JULY 25

6:00 - 9:00AM

Optional Continental breakfast

6:45 - 1:30PM

Nutrien Allan Potash Mine Tour - Legislators Only

7:00 - 2:00PM

Boundary Dam Power Station Unit 3 & Carbon

Capture Tour

SHERATON BALLROOM

SEE PAGE 52 FOR MORE INFO

SEE PAGE 52 FOR MORE INFO



Achieving a safe and prosperous future through engineering and geoscience

The Association of Professional Engineers and Geoscientists of Saskatchewan and Engineers and Geoscientists BC are proud to support the Pacific NorthWest Economic Region's annual summit.

"Think of us not as two great countries, but as one great place...Innovation requires diversity. The best ideas come when you bring together people who think differently."

-Brad Smith, President of Microsoft, speaking at the 2017 PNWER Annual Summit

PNWER IS GRATEFUL FOR THE SUPPORT OF OUR REGIONAL PARTNERS.

Our economy is strengthened by our regional connections, and it was the recognition of the need to build strong partnerships across these borders that first prompted the formation of PNWER 28 years ago. PNWER's reach crossborder and region wide makes it a valuable organization for business and government leaders alike.

Visit PNWER.org/sponsorship for opportunities to become involved





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APEGS

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LOCAL PARTNERS











POLICY TOURS

Policy tours are a great way to see and experience more of Saskatchewan while you are in Saskatoon for the Summit. Check registration desk for availability.

AG IN MOTION -WESTERN CANADA'S FARM EXPO MON JULY 22 | 2:15PM - 5:30PM



PNWER attendees have a special opportunity for private access of Ag in Motion- the largest agricultural trade show in Western Canada. The expo was created to empower farmers by providing knowledge on the latest in agricultural innovations, in real time situations, in order to make informed decisions. The Ag in Motion team works with the industry to identify trends and issues that are on the minds of farmers in Western Canada.

CANADIAN LIGHT SOURCE AND VIDO-INTERVAC



The Canadian Light Source produces the brightest light in the country, enabling research in mine tailing remediation, food security, cancer research to drug development and cutting edge materials, like semi-conductors and future battery technology. VIDO-InterVac is dedicated to human and animal infectious disease research and vaccine development, and is home to some of the world's most advanced vaccine research development.

PLANTING THE FUTURE: HOW CONSERVATION PROTECTS **MORE THAN LAND** WED JULY 24 | 2:30PM - 5:30PM



Wanuskewin Heritage Park is the longest active archaeological dig site in Canada. Meewasin Valley Authority protects ecological, historical, and cultural aspects of the Saskatchewan River Valley through active conservation. There will be opportunities on the tour to learn about the importance of these areas to the economy, education, culture, and the environment. Meewasin is a conservation organization that specializes in partnerships with government, business, and public to protect natural habitat within an urban setting. Tour will include a moderate amount of walking ~1.5km/1mile.

POLICY TOURS

As arguably the single most influential infrastructure project in Saskatchewan's history, this is your chance to see up close an integrated project which dramatically shifted the Province's destiny. Guests will tour the dam structure and spillway, followed by SaskPower's tour of its renewable energy facility, a key ongoing component in the Province's efforts to reduce electricity-based greenhouse gas emissions by 40% below 2005 levels by 2030

The Livestock and Forage Centre of Excellence (LFCE) brings together all aspects of beef cattle research into one entity, providing researchers, faculty, students, industry, and producers with a broad-based platform for research, teaching, and extension activities. Participants will get hands on experiences in the metabolism barn, a walking tour of the feedlot, and a presentation at the cow calf centre. The tour will conclude at the University of Saskatchewan with a tour of the Rayner Dairy Research and teaching facility.

Nutrien is the world's largest provider of crop inputs, services, and solutions, Nutrien plays a critical role in growing our world from the ground up by helping growers to increase food production in a sustainable manner. The Allan potash mine is a conventional underground mining operation. You will travel 1000 metres below the surface and observe the continuous mining machines as they cut out the ore. Next, you will tour the surface mill to see how the raw potash is processed and shipped to markets

Boundary Dam 3 is the world's first coal-fired power station with a Carbon Capture facility. The Carbon Capture facility captures carbon dioxide instead of being released into the atmosphere. This reduces carbon emissions from the coalfired power plant, while producing a reliable, clean source of energy. BD3 is renowned for its full-chain approach. It has a coal plant, capture facility, transportation infrastructure, enhanced oil recovery, and pure storage capabilities.

GARDINER DAM AND THE COUTEAU CREEK HYDROELECTRIC PROJECT WED JULY 24 | 2:15PM - 5:30PM



LIVESTOCK AND FORAGE **CENTRE OF EXCELLENCE** WED JULY 24 | 2:30PM - 5:30PM



NUTRIEN ALLAN POTASH MINE *FOR LEGISLATORS ONLY THU JULY 25 | 6:45AM - 1:30PM



BOUNDARY DAM POWER STATION AND CARBON CAPTURE TOUR THU JULY 25 | 7:00AM - 2:00PM



RECEPTIONS

University of Sazkatchewan

The state of the s

BUSES WILL DEPART THE HOTEL AT 5:30PM

MON JULY 22 | 5:45PM - 7:45PM

The University of Saskatchewan is honored to welcome Summit attendees on Monday, July 22 for an evening reception to be held on its beautiful campus. Join us to meet fellow PNWER delegates and summit attendees at Canada's #1 water resources research facility.

The University of Saskatchewan also leads research in areas of global importance, such as food security, sustainability, and biodiversity. In addition to its scientific accomplishments, USask proudly sits at the heart of the Métis homeland and prioritizes the integration of Indigenous culture on campus.

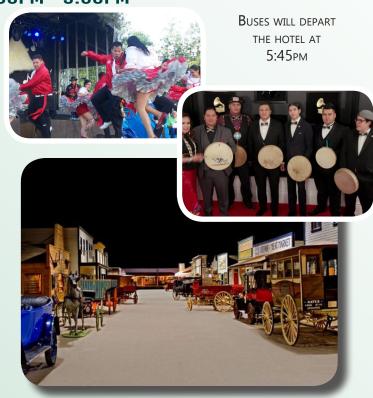
The Western Development Muzeum

TUE JULY 23 | 6:00PM - 9:00PM

The Cement Association of Canada is proud to host the 2019 PNWER Celebration Dinner embracing the stories of Saskatchewan and the prairies through local food, history and entertainment at the Western Development Museum, the largest human history museum in the province.

Come join us by taking a journey through time at a reception in 1910 Boomtown where Saskatchewaninspired stories from 1910 to the present unfold.

Attendees will experience the culinary delights of the prairies at dinner featuring First Nations and Métis performances by Grammy-nominated Young Spirit, a Cree drum group, and tap their toes to the rich tradition of the high-energy Asham Stompers, which combine the richness of the Métis Red River Jig with First Nations square dancing.



RECEPTIONS

Remail Modern Art Muzeum

WED JULY 24 | 6:00PM - 8:00PM



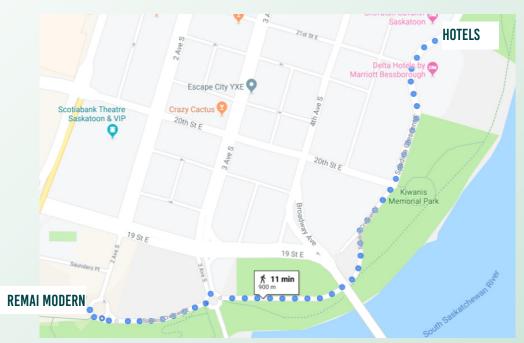
Join us for the summit's closing reception hosted by the Canadian Engineering and Geoscience Regulators at the Remai Modern Art Museum!

With values such as safety, competence, honesty, fairness, and respect, the Regulators work to ensure public safety and environmental protection by regulating the practice of engineering and geoscience in Saskatchewan.

As the 2019 Annual Summit comes to a close, attendees will get the chance to explore the

Remai Modern and get a glimpse into the future of 21st century art. Attendees will have private access to the Picasso and featured collection galleries.

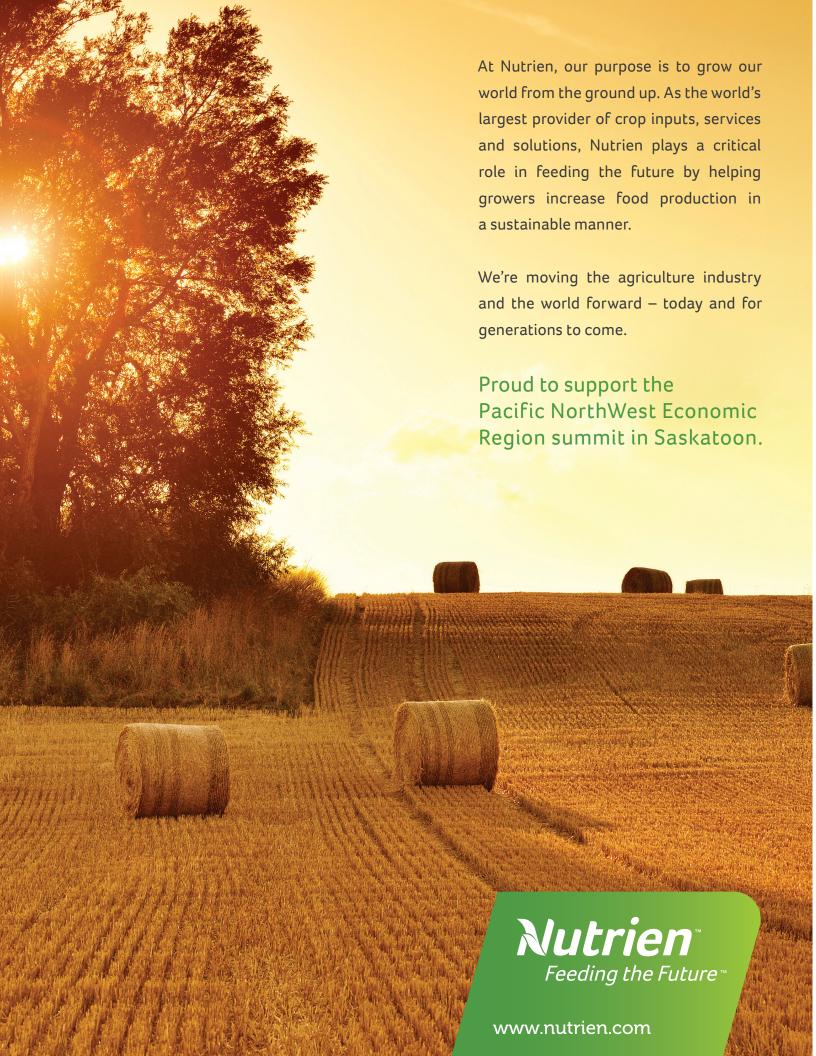
Remai Modern is a new museum of modern and contemporary art in Saskatoon. It is informed by the rich culture and history of the Prairies, including Indigenous artists and nations, distinct modernist influences, and a legacy of progressive support for the arts. The museum is a demonstration of Saskatchewan's strong history of progressive politics and support for the arts.



It is a short walk to the Remai Art Museum. We will also have a bus departing at 5:55 from the hotel

Directions

- Head SW on Spadina Crescent E toward 21st
- At the roundabout, continue straight to stay on Spadina Crescent E
- Slight right to stay on Spadina Crescent E
- Enter the roundabout and the museum will be on vour left



Feeding the Future ... from Saskatchewan to the world

Nutrien's Saskatchewan roots run deep, so we're excited to welcome delegates from across the Pacific North-West to showcase our great city and province.

The mission of PNWER is to increase the economic well-being and quality of life for all citizens of the region, while maintaining and enhancing our natural environment – and that connects powerfully with Nutrien's Purpose of growing our world from the ground up. As the world's largest provider of crop inputs, services and solutions, Nutrien plays a critical role in feeding the future by helping growers increase food production in a sustainable manner.

With more than 20,000 employees and operations and investments in 14 countries, Nutrien's products and solutions reach every major growing region in the world. From our corporate offices in Calgary, Alberta; Loveland, Colorado and here in Saskatoon, we support operations that produce and distribute over 27 million tonnes of potash, nitrogen and phosphate products worldwide. Combined with our 1,700 agriculture retail locations, which services over 500,000 grower accounts in seven countries, we are well positioned to meet the needs of a growing world and create value for our stakeholders.

Nutrien employs over 4,000 people in Saskatchewan, and we are proud to be the largest private-sector employer in the province. We operate six world-class potash mines and also have 120 Retail farm centers around the province that work directly with growers.

Our Retail footprint in the rest of the Pacific Northwest is considerable, with more than 150 Nutrien Ag Solutions locations spread across Alberta, British Columbia, Idaho, Montana, Oregon and Washington. Nutrien is the largest ag retailer in Canada, the United States and Australia, and we also have Retail operations in Argentina, Brazil, Chile and Uruguay. Nutrien is the world's third-largest nitrogen producer, with six nitrogen facilities in central and southern Alberta, one in Kennewick, Washington, five more in other parts of the US and one in Trinidad.

Our phosphate business is concentrated in the United States – we operate large integrated mining and processing facilities in North Carolina and Florida, and regional upgrading plants in Ohio, Missouri, Illinois and Nebraska.

Each day, farmers across the globe are challenged to produce more nutritious food, and to do so in a manner that sustains the planet's finite resources. The world's population is expected to approach 10 billion by 2050 and growers will face mounting pressure to produce more and better-quality food on limited arable land, while minimizing impacts on the environment.

Nutrien is working to help meet this challenge in a sustainable manner, through cutting-edge agronomic science and precision agriculture, and in partnership with other players across our industry. We're moving the agriculture industry and the world forward – today and for generations to come.

Nutrien is a strong believer in working with government, industry and community organizations across our operating regions and we are proud to support the PNWER Summit. We look forward to connecting with delegates from across the Pacific Northwest this week, to learning from each other and collaborating for the benefit of our Region as a whole.

Note: This article is a submission by, and reflects the views of, 2019 Annual Summit Sponsor: Nutrien The Pacific NorthWest Economic Region (PNWER) is not responsible for the content of this piece





Resilience and Sustainability Working in Tandem

Resilience and sustainability have become major themes in public policy and business planning over several past generations.

In the wake of devastating climate-related disasters – hurricanes, flooding, wildfires, power outages, and extreme weather incidents – more attention is now being paid to ensuring that our buildings and related infrastructure – bridges, roadways, dams, communications facilities – are capable of withstanding and recovering from extreme climate-related incidents.

With so much of our normal life spent in the built environment – homes, schools, offices, vehicles – the choices we make in how we design, build and manage the built environment are critical to ensuring sustainability and resiliency. They are also critical factors in preventing injuries or death and reducing economic, environmental and social disruption.

Reducing our vulnerabilities to disaster is now part of the fabric of resilience and sustainability. The Pacific Northwest Building Resiliency Coalition (PNBRC) believes we all have a role to play in 'Building Better Buildings' and in ensuring that our communities not only are more sustainable but also more resilient.

More than half of the world's population now live in large metropolitan areas. This fact places enormous pressure on urban infrastructure and makes the availability of the necessities of life – food, water, and shelter – increasingly difficult for many.

Overcrowding, traffic congestion, degraded air quality, unsafe water supplies, and severely constrained physical infrastructure – roads, buildings, bridges – not only affect the quality of life for residents, they also increase vulnerability to weather-related extremes such as flooding, fire, and earthquakes.

PNBRC is a gathering of organizations, primarily in the cement, concrete and masonry industries, committed to furthering the planning, development, and construction of buildings and associated infrastructure better able to withstand, recover from and to adapt to the growing impacts of an ever-changing urban and physical environment.

The Coalition believes that the quality of life in our cities and towns is directly related to the quality of the built environment. When the physical environment of where we live, and work is sustainable and resilient, the potential for personal and community well-being is greatly improved.

That is why careful planning, responsible design, and proper construction and management of the built environment is so important, and why architects, engineers, public officials, policy advisors, and community leaders must work together to make our communities better places in which to live and work.

There are so many things that contribute to making cities great places in which to live, work and learn. The quality of the physical environment, access to green spaces, safety in the streets, cultural amenities, ease of mobility, responsible management, and social and economic stability are but a few of factors cited as determinants of greatness.

Perhaps the single most important consideration stems from the fact that great communities don't just happen. They are the consequence of key decisions taken at critical times within the life of the community by people of vision and leadership.

The design considerations that shape the physical layout of cities and the countless undertakings that constitute the built environment wherein we live, and work are the essential pieces of the fabric of what makes cities great. The quality of design and construction of the built environment are the key reasons why some of the world's most vibrant cities have buildings still in use that are centuries old.

Members of the Pacific Northwest Building Resilience Coalition believe the need to build better buildings/ structures is as important today as it was in ages past, and that sustainable and resilient buildings are the key to greatness.

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Members of the Pacific Northwest Building Resilience Coalition believe the need to build better buildings/ structures is as important today as it was in ages past, and that sustainable and resilient buildings are the key





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K+S Potash Canada

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Our commitment to Saskatchewan runs deep. Through ongoing employment, local business partnerships and community investment, we'll make sure opportunity continues to take root in our province for generations to come.

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FEEDING EAMILES



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Harris Greenaway Communications is a full-service agency offering a unique, specialized set of skills and experience in strategic communications, public affairs, public relations and marketing across Western Canada.

We develop and execute strategies to manage complex issues while protecting and building reputations and relationships with the government, public, media and stakeholders.

Climate change policies must properly account for all carbon emissions



The construction, operation and decommissioning of our buildings and infrastructure account for approximately 40% of all man-made greenhouse gas emissions. For those involved in climate policy, it is self-evident that building practices need to change – our buildings must become lower carbon and more resilient to our changing climate.

Governments and many in the building sector are in pursuit of solutions. And, on the face of it, we're doing a lot of things right.

First, it is generally understood that retrofitting our existing stock of relatively inefficient buildings is priority number one. Second, building code processes are focused on pushing new construction toward net-zero carbon as quickly as possible. Third, there is an emerging consensus among academics, governments, procurement

professionals and environmental groups that lifecycle assessment (LCA) is the best, and perhaps only tool that can objectively and transparently address the complexity of designing for low carbon and climate resilience.

For all this great work, governments across Canada and the U.S. are nevertheless placing big bets on one particular strategy: building with more wood.

History has taught us that governments "picking winners" is bad policy – it's bad for the economy, it's fiscally inefficient and when it comes to transformative challenges like climate change, it disrupts natural innovation cycles that are constantly pushing competing industries to do better. In the case of favouring wood, the underlying environmental rationale also turns out to be deeply flawed.

Efforts to reduce GHGs must be informed by science

Today, our understanding of real-world silvicultural success rates, carbon releases from soil disturbance and changes in carbon productivity between old growth and replanted forests has evolved, but the models that underpin how we account for a wood product's carbon footprint have not kept pace.

A new report by Canada's renowned International Institute for Sustainable Development (IISD), titled "Emission Omissions: Carbon accounting gaps in the built environment", should give policy makers and building professionals reason for pause.

Among its most significant findings is that current lifecycle assessment models do not account for biogenic carbon losses from logging and that these carbon releases could represent up to 72% of a wood product's carbon footprint. In this scenario, a wood building could in fact be more carbon intensive than a concrete building, and that's not conventional wisdom.

With significant low carbon advances in the cement and concrete sector and emerging evidence that concrete, over its life, re-absorbs a significant portion of the carbon emitted in its production, we believe concrete's role as a climate solution is even clearer.

This is admittedly a complex issue but today this complexity matters more than ever. The atmosphere doesn't care about our assumptions, and with growing evidence that up to three-quarters of wood's carbon footprint could be missing from our ledger, we need to do better.

Rather than promote one building material over others, governments must get the best from all building materials. Low carbon building policies should secure a level but competitive playing field where material manufacturers and the building industry are driven toward low carbon solutions.

Michael McSweeney President and CEO Cement Association of Canada

Note: This article is a submission by, and reflects the views of, 2019 Annual Summit Sponsor: the Cement Association of Canada.

The Pacific NorthWest Economic Region (PNWER) is not responsible for the content of this piece













Concrete is more than a material. It's about life.

When it comes to reducing carbon emissions from the places where we live, work and play, innovations in cement and concrete are leading the way.

Today's concrete is made with lower carbon cement and using lower carbon fuels recovered from wastes. Together, these innovations help reduce greenhouse gas emissions by up to 30%. Our investments in transformative carbon capture, storage and utilization technologies promise even deeper reductions. What's more, concrete naturally absorbs GHGs throughout its life.

Historic durability and resilience together with low carbon innovation means concrete plays a vital role in building a sustainable future for Canadians.





Nelson Mullins and Ambassador

David Wilkins are proud sponsors of

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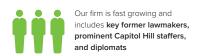
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We help the world grow the food it needs.

As one of the world's largest suppliers of potash, we consider this mission one that carries a vast responsibility. Canadian potash GHG emissions are only 29% of the global average – leading the world in terms of low GHG output.

Source: Carbon Footprint for Canadian Potash Production Cheminfo Services Inc., 2018

At Mosaic, we took charge of our future.

Since 2012, the Potash Business Unit has achieved reductions in 3 major areas: >20%

Decrease of freshwater used per tonne of finished product

>10%

Decrease of total energy use per tonne of product 10%

Decrease of GHG emissions per tonne of product



OFFICE OF THE GOVERNOR

STATE OF MONTANA

Steve Bullock
GOVERNOR



Mike Cooney Lt. Governor

June 27, 2019



On behalf of the State of Montana, I would like to personally invite you to join us under Montana's Big Sky for the 2020 Pacific NorthWest Region's Annual Summit.

Events will be taking place July 19th through the 23rd in Big Sky, MT and I know you will not want to miss this opportunity to take in the natural beauty we offer.

Montana is an active member of PNWER and enthusiastically promotes collaboration in the Pacific Northwest region through the close cultural, bilateral, and multilateral links we have with our neighboring PNWER states and provinces.

This will be a wonderful opportunity to meet with key business and legislative leaders from ten jurisdictions in two countries, who are interested in building innovative solutions to solve common challenges and enhance the economy and lifestyle of our communities.

PNWER is a leader in fostering regional and international cooperation on priority issues such as agriculture, energy, the environment, disaster resilience, economic development, invasive species, trade, tourism, transportation, and workforce mobility.

Join us in Big Sky in July of next year for what promises to be an exciting conference that will bring together over 500 legislators, private sector and government leaders, who will share innovative solutions for our great region. And while you plan your trip, make sure to plan time to take in some of Montana's spectacular, unspoiled nature, visit our vibrant and charming small towns, and have breathtaking experiences by day and relaxing Montana hospitality at night.

I look forward to welcoming you to Big Sky, Montana!

Sincerely,

STEVE BULLOCK

Governor



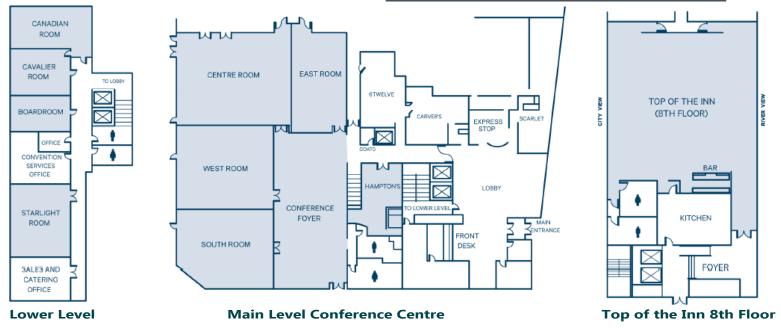
The leading forum
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come together
to figure out solutions
to
regional challenges

30th PNWER ANNUAL SUMMIT

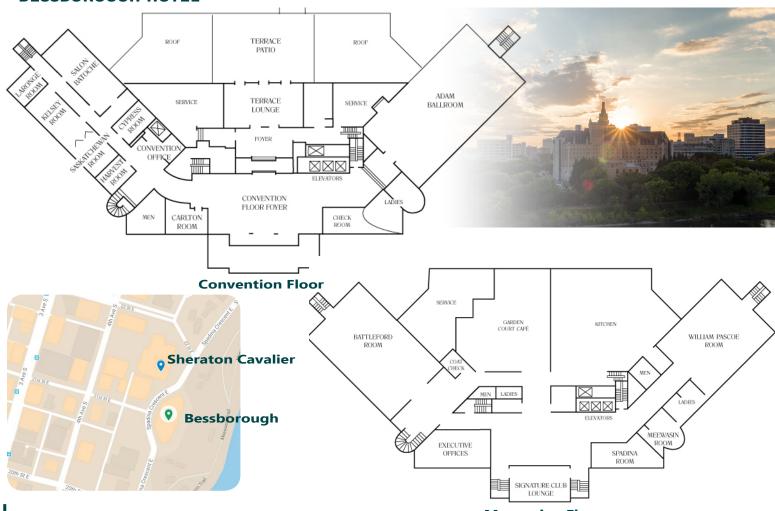
HOTEL MAPS

The Summit is taking place in the Sheraton
Cavalier Hotel and the Bessborough Hotel. The
main plenary events will be at the Sheraton
Ballroom, with breakout sessions located
between both hotels.

SHERATON CAVALIER HOTEL



BESSBOROUGH HOTEL





The Purpose

Strengthen regional cooperation Learn about key economic issues of the region

Collaborate with U.S. & Canadian public and private sector leaders in a focused setting

The Economic Leadership Forum provides an opportunity for local, state, and provincial leaders in both the public and private sectors to carry out in-depth discussions on key subjects affecting our regional economy.

The Issues

The City of the Future

Smart Cities

5G

Edge Computing

Machine Learning and AI

Drones

Resilient Infrastructure

Autonomous and Electric Vehicles

Special session for LEHI Alumni

Building Connections

Economic Development Columbia River Treaty Border and Trade Tourism

The Delegates

State, Provincial & Territorial Legislators

Corporate CEOs or VPs

NGO Executive Directors

Subject Matter Experts

Government Officials



Contact Rachael Kopp rachael.kopp@pnwer.org to become involved

