PACIFIC NORTHWEST ECONOMIC REGION



2021 Annual Report

ABOUT PNWER

MISSION

GOALS

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.

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 BI-NATIONAL ADVOCATE FOR REGIONAL, STATE, S 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 in a bi-national forum. **COLLABORATIVE PROSPERITY: OVERCOMING CHALLENGES BY WORKING TOGETHER** AS A REGION

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MESSAGE FROM THE 2019 - 2021 President



PNWER Swan Song By Sen. Mike Cuffe Immediate Past President Montana Senate District 1

Pride, hope, confidence, and nostalgic feelings drive my thoughts as I reflect over my two years as PNWER president, even further to 2015 when I was elected as second U.S. vice president. And back to my first meeting in 2011 when Idaho's Eric Anderson lit my fire to fight AIS! What good mentors I had. What great staff to make me look good! And so many very good friends.

I am proud of the new team led by the very capable President Richard Gotfried of Alberta. Proud also of VPs Chuck Winder of Idaho, Rick Glumac of British Columbia, and Mia Costello of Alaska. The ship is in good hands. I believe in huge promise for the future of our great nations, and I hold great confidence the executive team will usher PNWER forward as a bright star for the good of all of us.

I am proud of our achievements over the past two challenging years, especially the revival of our postponed Summer Summit at Big Sky. Well over 300 attended in person plus hundreds more online for that first hybrid event. In addition to a blue-ribbon slate of speakers, we passed a resolution requesting creation of a Commission that may have major implications on future border cooperation, friendship, and ongoing joint relations.

We pulled through the pandemic in good shape financially thanks to some urging by leadership and hard work by staff, and we were resolute in keeping our PNWER connections sound through it all. Despite COVID-19 fears and frustrations, we remained cohesive and encouraging through our regular calls, COVID-19 updates, and many informative webinars.

Backing up to my first term, we celebrated 2019 with passage of the USMCA Trade Treaty, and I was invited to attend the signature ceremony at the White House. We helped with some points in the treaty, and we encouraged USMCA passage through model legislation and other communications, which included strategy meetings at the White House and with key staff and congressional committee chairs.

We made the most of U.S. capitol visits, and our 2020 trip to D.C. finished with the Arctic Caucus Gathering led by Sen. Lisa Murkowski. The COVID-19 lockdown was beginning, and we were the last free-roaming visitors to be escorted from the building. From then on, visitors have to return to security after each office call. Also, we made good ground on AIS funding and more, both in March of 2020 and October of 2021.

The Columbia River Treaty has always been big on my agenda. PNWER was instrumental in getting negotiators from both Canada and the U.S. back to the table. No meetings had been held from June 2020 to October 2021, and no new meetings had been scheduled. We encouraged a fresh renewal, and within three weeks of our D.C. visit, a new negotiating session was set. As I write this in January, positive efforts continue.

The Hybrid Winter Meeting at Vancouver, BC, in November 2021 was successful, even during a time of extreme flooding from the mountains to the coast.



I can't finish this Swan Song without expressing my admiration, appreciation and, yes, my love for our staff. Matt Morrison is a giant in this world of non-profits, and my best friend, even when he drove me crazy, and I'm sure when I drove him crazy. But Matt couldn't have achieved such success without his partner COO/CFO Brandon Hardenbrook, who keeps so many details and finances square.

Each of the others on staff hold a special place in my heart, so why does saying that bring tears to my cheeks? Steve Myers is so capable no matter what hot potato he catches plus his knowledge of maneuvering around D.C. is unequaled; Nate Weigel loves the action and is a get it done guy who never met boredom; Rachael Kopp keeps her finger on so many key elements with big meetings and more; Tara Edens always knows what I want to say, says it for me better than I can, and Tara always knows just what I require to keep me going; Betz Mayer is very pleasant, focused, thorough, and jumped right on the PNWER treadmill; Emily Rankin is our newest staffer but she fits the PNWER mold; and Eric Holdeman who has pleasantly held the reins on several peripheral grant funded projects like Disaster Planning and use of drones plus more.

As for me, I am seeking re-election to my final four-year term in the Montana Senate, and I hope to continue with PNWER. Because I worry about how I will keep occupied with reduced PNWER activity, I am entering a Master's Program at the University of Montana with emphasis on International Relations and focus on Canada. I will call my thesis "Trade, Tariffs and Treaties." I hope to use some life experiences.

In case anyone wonders, I am living my childhood dream. I share a birthday with Benjamin Franklin. He founded Saturday Evening Post magazine, and each of my birthday weeks his picture and stories of his life would appear. Coincidentally, or not, my life track has several similar parallels, beginning with work as a printer's devil at the age of 12, which blossomed into reporting and editing. Later in life, we held political offices and were involved with international treaties. No way do I believe I measure up to him, after all he was a Founding Father of the USA and signed the Treaty of Paris to end the Revolutionary War. But for much of my life, he has been my idol.

Serving as PNWER President from 2019-2021 is the pinnacle of public service in my life. Maybe God has something else in mind, but otherwise this has been the ultimate for me. This has been a terrific ride. God has blessed me richly.

Thank you for all the pleasure you have given to me.

Sincerely,

Mike Cuffe

Senator Mike Cuffe, Montana PNWER President 2019 - 2021

PNWER STAFF

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PNWER is proud to be able to offer the opportunity for students to gain hands-on experience in U.S. - Canada relations and economic development. Each quarter, we look forward to supporting students as they develop practical skills and provide them with opportunities to discover their strengths in order to become the leaders of the next generation. If you know of interested students located in the greater Seattle area, please email intern@ pnwer.org.







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2020-2021 LEADERSHIP



Sen. Mike Cuffe President 2019 -2021 Montana



Richard Gotfried, MLA Vice President Alberta

Sen. Chuck Winder Vice President Idaho



Rick Glumac, MLA Vice President British Columbia



Sen. Mia Costello Vice President Alaska

DELEGATE COUNCIL

ALASKA

Gov. Mike Dunleavy Lt. Gov. Kevin Meyer Sen. Mia Costello Rep. Delena Johnson

Sen. Jesse Kiehl Sen. Donny Olson (Alt) Rep. Chris Tuck Sen. Bill Wielechowski (Alt)

ALBERTA

Premier Jason Kenney **Richard Gotfried, MLA** Roger Reid, MLA Garth Rowswell, MLA RJ Sigurdson, MLA

BRITISH COLUMBIA

Premier John Horgan Brittny Anderson, MLA Brenda Bailey, MLA **Rick Glumac, MLA** Roly Russell, MLA Dan Ashton, MLA

IDAHO

Gov. Brad Little Rep. Brooke Green (Alt) Sen. Dan Johnson Rep. Clark Kauffman (Alt) Sen. Ali Rabe (Alt) Sen. Michelle Stennett Rep. Sally Toone **Sen. Chuck Winder** Rep. Rick Youngblood

Jurisdiction Leads on the PNWER Executive Committee are in bold

Μοντανα

Gov. Steve Bullock Sen. John Brenden (Ret.) **Sen. Mike Cuffe** Rep. Steve Galloway (Alt) Sen. Terry Gauthier (Alt) Sen. Shannon O'Brien Sen. Keith Reiger Rep. Derek Skees Rep. Katie Sullivan

OREGON

Gov. Kate Brown Rep. David Brock Smith **Sen. Lew Frederick** Sen. Bill Hansell Sen. Bill Kennemer (Alt) Sen. Chuck Riley (Alt) Sen. Arnie Roblan (Ret)

Northwest Territories Premier Caroline Cochrane Hon. Caroline

Үико Premier Sandy Silver **Hon. Ranj Pillai**

SASKATCHEWAN

Wawzonek

Premier Scott Moe Ken Francis, MLA

WASHINGTON

Gov. Jay Inslee Rep. Andrew Barkis (Alt) Rep. Liz Berry (Alt) Rep. Bruce Chandler Sen. Bob Hasegawa Sen. Jim Honeyford **Rep. Cindy Ryu** Sen. Lisa Wellman (Alt)

Pawan Chugh, NWT BDIC

OREGON

Dan Kirschner, Northwest Gas Association Bill Larson, Pacific NW Building Resilience Coalition Annette Price, PacifiCorp Sunny Radcliffe, PGE Craig Smith, Food NW Diane Warner, Northwest Cement Council

SASKATCHEWAN

Chris Dekker, STEP Tyler Hopson, The Mosaic Company Jeff Hryhoriw, Cameco Ryder Lee, SK Cattlemen's Association Alan Migneault, AJM Management Corp Natashia Stinka, Canpotex

WASHINGTON

Pam Brady, BP George Caan, WPUDA Nirav Desai, Moonbeam Matt Gill, Marathon Petroleum Christine Gregoire, Challenge Seattle Johan Hellman, BNSF Janet Kelly, PSE Jeff Morris, Schneider Electric Guy Palumbo, Amazon Irene Plenefisch, Microsoft Bob Sailer, PNWLG Jason Thackston, Avista

ΥυκοΝ

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

OTHER

Yvan Moosmann, Mitsubishi Power David Miller, CN Victor Thomas, Canada India Business Council Amb. David Wilkins, Nelson Mullins

PACIFIC NORTHWEST ECONOMIC REGION 7

PRIVATE SECTOR COUNCIL

PRIVATE SECTOR CO-CHAIRS

David Bennett, FortisBC Dan Kirschner, NWGA

Alaska

Sarah Leonard, Alaska Tourism Industry Assoc. Hans Neidig, ExxonMobil Tom Wolf, BP Alaska

Alberta

Kate Chisholm, Capital Power Leann Hackman-Carty, EDA Almas Kassam, Cenovus Patrick Mattern, Calgary Economic Development Gary Mar, Canada West Foundation Susannah Pierce, Shell John Sproule, IHE Deborah Yedlin, Calgary Chamber of Commerce

BRITISH COLUMBIA

David Bennett, FortisBC Dave Cowen, The Butchart Gardens Don Dalik, Fasken Martineau Hana Doubrava, Microsoft Greg D'Avignon, BCBC Russ Kinghorn, Engineers & Geoscientists of B.C. Chad Pederson, Teck

Idaho

Ken Dey, J.R. Simplot Company Patrick Kole, Idaho Potato Commission McKinsey Lyon, Perpetua Resources Tom Shultz, ID Forest Group

Μοντανα

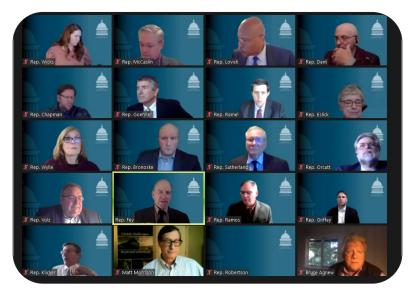
Cory Fong, MDU Resources Todd O'Hair, Montana Chamber of Commerce Bob Rowe, Northwestern Energy Larry Simkins, The Washington Companies

NORTHWEST TERRITORIES

Darrell Beaulieu, Denendeh Investments

CAPITAL VISITS

Each year, the PNWER Executive Committee visits our region's capitals to advocate for regional issues and assess priorities that PNWER should focus on in the coming year. Meetings with legislative majority and minority leadership, governors and premiers, and key executive branch staff provide an opportunity to discuss regional trade and PNWER programs. The visits also allow for cross-border legislative collaboration. The visits looked a little different in 2021, with all sessions being conducted virtually.



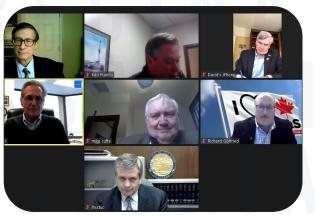
PNWER Transportation Co-Chair Bruce Agnew leads learning session with Washington State Transportation Commission on "Clean Energy Meets Green Transportation"



PNWER presented to the Montana joint Senate Natural Resources and House Natural Resources committees on the importance of working together as a region to stop the spread of invasive species. To date, the region has received over \$20 Million with millions more authorized in direct funds to support states protecting the Columbia River Basin. PNWER Invasive Species Co-Chair Rep. Terry Gestrin of Idaho joined PNWER for the virtual presentation



Co-Chairs Laurie Trautman, Border Policy Research Institute; Nirav Desai, Moonbeam; BC MLA Rick Glumac; and Consul General Brandon Lee presented to the Washington Community & Economic Development Committee on the challenges facing economic recovery amidst the pandemic and the U.S. - Canada border closure



U.S. Consul General Brent Hardt and PNWER leadership met with Alaska Lieutenant Governor Kevin Meyer to discuss economic recovery, regional tourism, and infrastructure

FEDERAL ENGAGEMENT

PNWER engaged virtually and in person with all Pacific Northwest U.S. Congressional members and several Executive Staff throughout 2021. PNWER continues to showcase the relationship between the U.S. and Canada and hear from our legislative leadership about the legislation impacting the region. As the COVID-19 pandemic continues to take its toll on the global economy, PNWER will be a champion for strengthening U.S.-Canada trade and collaboration as our

PNWER CONTINUES TO ADVOCATE TO THE U.S. ARMY CORPS OF ENGINEERS ON THE IMPORTANCE OF PROTECTING THE NORTHWEST FROM INVASIVE SPECIES. PNWER HAS BEEN LEADING EFFORTS TO ENSURE THE REGION CONTINUES TO RECEIVE MATCHING FUNDS FROM THE FEDERAL GOVERNMENT.

economies recover from one of the most devastating disasters in the history of the world. 2021 saw the first full year of USMCA/CUSMA implementation and the importance of the integrated supply chains of North America.



PNWER Delegates, Working Group Co-chairs and Western Washington Stakeholders heard from Congressman Derek Kilmer on February 22, 2021 Rep. Kilmer gave an overview of the session in Washington, D.C. and spoke to economic recovery efforts the Federal Government was

implementing to combat the impacts of COVID. Washington State Representative Alicia Rule moderated the insightful session.



PNWER hosted a joint listening session with Consul General Brandon Lee, Consulate General of Canada in Seattle, and Consul General D. Brent Hardt, U.S. Consulate General Vancouver, as we reflect on the impacts of the ongoing border closure

to the tourism and travel industry in the Pacific Northwest. Key tourism stakeholders from Canada and the U.S. shared prepared remarks and we heard from the Consuls General as we look toward how we can safely rebuild our visitor economy.

FEDERAL SUPPORT OF PNWER ACTIVITIES

The Pandemic Recovery Roadmap and Congregate Accelerator Program are both U.S. Department of Commerce Economic Development Agency funded grant programs. These projects were made possible through regional partnerships and support from the U.S. federal government.

PNWER is excited to be selected for the U.S. Department of Transportation's Regional Infrastructure Accelerator program. This two year project will give planners much needed insights on developing infrastructure projects that benefit the region.

"We believe that unilateral tariffs between the U.S. and Canada go against the principles of free and fair trade and only harm industries in both countries. When markets are open, and goods are transported freely across borders, the results are economic growth, new businesses and more and better job opportunities for individuals."

- Larry Doke, former MLA from Saskatchewan and PNWER Past President

LEGISLATIVE ENERGY HORIZON INSTITUTE



staffers, and executive branch officials have graduated from the program to date

Legislators, municipal leaders, committee

Hours contributed by legislators to participate in energy training

Legislators gave LEHI a rating of 4.67 out of 5 on quality, saliency, and content

38 U.S. States, 5 Canadian provinces and territories, District of Columbia and Puerto Rico, and numerous local county and municipalities are part of the LEHI Alumni network

Since its inception in 2009, the Legislative Energy Horizon Institute (LEHI) is designed to educate state and provincial legislators and policymakers on the North American energy infrastructure and delivery system. The Institute's 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.

Over 300 legislators and policymakers have graduated from the class over the past decade, and participants continue to rate LEHI as one of the best legislative policy education programs in North America. With major support from the U.S. Department of Energy and Government of Canada, and world-class faculty, the Institute seeks to bring together diverse viewpoints and ensure a well-rounded learning experience.

- Electric Power Generation, Transmission, Distribution
- NATURAL GAS PRODUCTION, TRANSMISSION, & DELIVERY
- ► Petroleum 101
- ► INTEGRATING RENEWABLES

INSTITUTE PARTNERS AND SPONSORS

University of Idaho | U.S. Department of Energy | National Conference of State Legislators (NCSL) | Government of Canada | Western Governors Association | Pacific Northwest National Laboratory | The Energy Council The 2021 LEHI cohort graduated 23 legislators and policymakers during an intensive 5-day session held in Washington, D.C. October 19-23.

LEHI graduates heard from leading energy experts and speakers from academia, industry, and government, and graduated with a certificate in Energy Policy Planning from the University of Idaho. They join a broad alumni network of over 300 LEHI graduates.

VISIT WWW.LEHI.INSTITUTE



- ► SMART GRID & ENERGY STORAGE
- CANADA'S ENERGY PICTURE
- ► FUTURE OF UTILITIES & RATEMAKING
- CARBON MARKETS
- ► CYBER SECURITY
- ► OUTLOOKS FOR STATE & PROVINCIAL ENERGY REGULATION



BORDER POLICY

COLLABORATION ON BORDER ACTION

Looking ahead and beyond post-pandemic border reopening, we believe that both Canada and the U.S. need a roadmap to implement a more resilient and secure border that incorporates advanced technology, including big data, biometrics, blockchain, as well as emerging areas such as health screening and digital travel solutions. In line with global policies and the commitment made by both governments on climate change action, we also need to find a way to incorporate environmental concerns into border policies. PNWER worked closely with Future Borders Coalition (FBC) to explore innovative solutions to our current challenges. This included several webinars and an in person meeting in Vancouver,BC. For more information about FBC, see www.futureborderscoalition.org.

PANDEMIC RECOVERY



The COVID-19 pandemic has confirmed the urgent need for a revised framework of collaboration between governments, industry, and technology innovators. The main purpose of this webinar was to provide a forum where insights on how current technology solutions can enable travel resumption and support U.S.-Canada border reopening could be discussed openly and candidly. It was an opportunity to hear from key stakeholders, policy innovators, and border experts on the direction and scope of the revised 2018 Beyond Preclearance Whitepaper.

CASCADIA INNOVATION CORRIDOR

(Pictured below) As the co-chairs of the Efficient Cross-Border Movement working group of the Cascadia Innovation Corridor (CIC), Laurie Trautman, Director of the Border Policy Research Institute and Matt Morrison, PNWER CEO spoke at the CIC November Conference Nov 14 - 15 on Innovation for a More Sustainable Border.



FUTURE BORDER COALITION

- 1. A bi-national and coordinated approach should be adopted with the aim to develop mutually accepted risk-mitigating measures and health protocols.
- 2. Both governments should adopt a layered risk-based approach when reviewing entry requirements and travel restrictions.
- 3. A phased approach for easing border restrictions should be informed by science-based criteria and communicated based on easily understood requirements.
- 4. The economic impact of border closures should be carefully assessed by both governments and inform the path towards the easing of border restrictions.



PNWER's Center for Regional Disaster Resilience (CRDR) focuses on infrastructure interdependencies and disaster resilience projects. The CRDR is committed to working with states, provinces, territories, and communities to develop regional public-private partnerships.

VISIT <u>REGIONALRESILIENCE.ORG</u>

PNWER via the CRDR has partnered with Idaho's Office of Emergency Management for the past seven years to develop their public-private sector coordination on cybersecurity through an annual statewide cyber summit. In 2020, the Summit which typically attracted over 300 in-person attendees, pivoted to a virtual webinar series, and continued virtually in 2021. Cybersecurity remains a high priority - even more so as people and organizations continued working from home.

Strategies for Managing the "People" Factor of Cybersecurity: A conversation with Heather Stratford, Founder & CEO of Drip 7

Heather Stratford shared with us her insight into training every employee in effective cybersecurity to protect themselves and your organization.

Advertising, Interviewing, and Hiring the best fit for Cybersecurity in your Organization This webinar featured expert speakers in the cybersecurity workforce domain.

Ransomware & Double Extortion: the Latest on Regulations, Reality, and Recovery Ransomware is top of mind for many, given the recent large scale attacks on national organizations. Cybersecurity experts from several sectors shared their expertise.

MARITIME DISASTER RESILIENCE In Summer 2021, the Puget Sound Region began work on the Maritime Disaster Resilience Planning project, supported by funds from the FEMA Regional Catastrophic Planning Grant Program (RCPGP) to study how the maritime sector can be used to move people, goods, and supplies around the region following a catastrophic earthquake.

PNWER is supporting the effort through facilitation of workshops with maritime stakeholders and regional emergency management throughout the Sound to learn about earthquake & tsunami risk, understand the roles and responsibilities of a variety of public and private agencies, and explore how to forge and maintain key relationships beyond the project duration. The team hosted three virtual workshops in the Fall of 2021 and helped to develop a map of maritime assets and waterways that might be used after an earthquake should roads, bridges, and railways fail. In February 2022, six additional workshops will focus on different areas around the Sound, including Bellingham, Everett, Seattle, Olympia, Tacoma, and Bremerton, building on the lessons learned so far. A final, region-wide workshop will bring everyone together again in mid-May to review the work accomplished and explore any additional gaps or opportunities for the maritime sector to remain engaged in disaster planning going forward.

The Region is undertaking the liquid fuel distribution prioritization planning project in order to identify, coordinate, and prioritize which infrastructures-public and private-should have priority access to the fuels that are available. The purpose of the Fuel Planning Framework is to provide guidance to King County Office of Emergency Management (KCOEM) on how to anticipate, prepare for, and respond to regional liquid fuels shortages before state and federal resources arrive.

The goal is for KCOEM and its partners to address emergencies and disasters related to fuel shortages and resource requests. This guide will take into consideration the need for fuel and related resources that may be outside the geographical boundaries of King County.

This project is being coordinated by King County OEM Critical Infrastructure Work Group (CIWG) and will partner with the Washington State Department of Commerce and City of Seattle fuel planning efforts and will inform what the priorities will be in a fuel emergency. It will assist emergency fuel managers in understanding the dependencies and interdependencies that exist between the various infrastructures. A major outcome from this project is the creation of a mapping tool that will provide King County Emergency Management with quick access to fuel sites and impacted areas.





In December 2016, our elections systems were designated as a critical infrastructure. There have been increasing concerns about the security and integrity of our election systems across the nation.

PNWER is planning a workshop on the topic of election security with a targeted audience of all regional elected officials, which will include panels of experts who will share policy level best practices, with presentations from individuals and organizations that have experienced cyberware attacks, especially ransomware. The goal of the workshop is to build trust in the physical and cybersecurity of our Washington election systems. The workshop will be held in 2022. This project comes through King County Emergency Management and the Region 6 Critical Infrastructure Working Group with funding from DHS's Urban Area Security Initiative (UASI) and State Homeland Security Program (SHSP) grants.

The Puget Sound Private Sector Large Employers Business Continuity Group began in 2019 as a way for regional large employers to share information and best practices and discuss common challenges to workplace resilience.

During the pandemic, representatives from large employers across the Puget Sound Region continued to meet virtually weekly and then bi-monthly throughout the year to discuss issues related to the COVID-19 pandemic and business continuity such as the vaccine rollout, working remotely vs. returning to the office, adapting employee safety policies and guidelines to the ever-changing guidance from public health and government. The group most recently held a listening session with the City of Seattle's Director of Emergency Management to share their perspective on Seattle's pandemic response.

Represented Companies: Alaska Airlines, Amazon, Bartell Drugs, BECU, Costco, Expedia Group, Facebook, Feeding America, Google, Microsoft, Nordstrom, Northwest Healthcare Response Network, REI, Starbucks, Talking Rain, University of Washington, Westin Building Exchange, and the Zillow Group



PANDEMIC RESILIENCE ROADMAP

This project will analyze the economic impact of COVID-19, identify best practices in mitigation, recovery and resilience, and provide overall recommendations for the region for the current COVID-19 recovery effort and to better prepare for future pandemics and similarly all-encompassing disasters.

THE ROADMAP AIMS TO IMPROVE CAPACITIES OF COMMUNITIES TO SAFELY AND SUCCESSFULLY ADDRESS THE CHALLENGES AND ECONOMICALLY RECOVER FROM A PANDEMIC. PNWER received federal funding through the Economic Development Administration (EDA) to develop a Comprehensive Regional Pandemic Resilience Roadmap for the Puget Sound. The project will identify gaps, examine what can be improved, and define an implementation plan for best practices and methods identified nationwide with a cross-sector and multi-discipline approach. Shortening the period of maximum economic constraint will do much to limit the economic damages done to individuals, families, and small businesses.

PNWER IDENTIFIED 6 SECTORS TO INVESTIGATE TO BETTER UNDERSTAND HOW PUBLIC POLICY INTERACTED WITH BUSINESS OPERATIONS.

For this Roadmap, the PNWER team worked with BERK Consulting to identify 6 sectors to deeply investigate to better understand how public policy interacted with business operations across a variety of industries. Some of the identified industries were hit harder than others, while others were somewhat unaffected despite the pandemic's challenges. The 6 sectors identified are:

SMALL BUSINESS AND RETAIL SERVICES

TRANSPORTATION AND WAREHOUSING

INFORMATION AND PUBLISHING

CONSTRUCTION

MANUFACTURING

FOOD SERVICES / DRINKING ESTABLISHMENTS

MORE INFORMATION AVAILABLE AT <u>REGIONALRESILIENCE.</u> <u>ORG/REGIONAL-PANDEMIC-</u> <u>RESILIENCE-ROADMAP</u>

COVID-19 RECOVERY CALLS

A REGULAR CALL SERIES EXAMINING COVID-19 RECOVERY BEST PRACTICES ACROSS PNWER JURISDICTIONS

PNWER began the COVID-19 Recovery Series in 2020 as a way for legislators and business leaders from across our Canadian and U.S. jurisdictions to come together and share best practices in the early days of the pandemic. We continued the Series in 2021 to explore evolving pandemic challenges and highlight the innovative work being done across the region. From vaccine distribution and hesitancy to safely reopening venues to addressing mental health concerns, the COVID-19 Recovery Series brought in experts from across the PNWER region to share their knowledge and insight with participants.

The COVID-19 Recovery Series is funded through a U.S. Economic Development Administration (EDA) grant as a critical piece of developing a Pandemic Resilience Roadmap. The Roadmap distills economic resilience best practices from across the region to identify policies that balances public health and safety with economic continuity.

> THE GOAL OF THIS CALL SERIES IS TO SHARE INFORMATION AND PROMOTE BEST PRACTICES TO ENSURE DECISION MAKERS IN OUR REGION CAN BETTER UNDERSTAND THE 'PUZZLE PIECES' THAT WILL SUPPORT SAFE AND SUSTAINABLE POST-COVID ECONOMIC RECOVERY.

VIEW RECAPS OF THE WEBINARS AT PNWER.ORG/COVID19-RECOVERY-CALL

WEBINAR TOPICS

Increasing Trust in the COVID-19 Vaccine

Vaccine Distribution Plans: Best Practices & Lessons Learned

A Year with COVID: Public Sector Reflections on the Pandemic

<u>Lessons from Business: The</u> <u>Pandemic and the Future of</u> <u>Work</u>

<u>COVID Test and Vaccine</u> <u>Verification</u>

<u>Restarting the Cruise</u> <u>Industry</u>

<u>Safely Reopening Large</u> <u>Venues</u>

The One Society Network

Workplace Mental Health Resilience

Supply Chain Disruptions in the Pacific Northwest

REGIONAL INFRASTRUCTURE ACCELERATOR

The Regional Infrastructure Accelerator will bring public and private sector stakeholders together to examine projects with region-wide benefits to reducing transportation-related CO2 emissions, while increasing economic and environmental justice for historically underserved

PNWER WAS ONE OF FIVE RECIPIENTS FROM ACROSS THE U.S. SELECTED FOR THE USDOT'S BUILD AMERICA BUREAU'S REGIONAL INFRASTRUCTURE ACCELERATOR DEMONSTRATION PROGRAM. communities.

PNWER will utilize the Build America Bureau grant funds to establish a Regional Infrastructure Accelerator (RIA) to serve as a convener for transportation projects in the region, specifically multistate and multi-jurisdictional initiatives that are needed but lack funding for completion.

This RIA will operate under the umbrella of PNWER in collaboration with regional partners and various state and local departments of transportation. The RIA program will help accelerate specific transportation and infrastructure project delivery through a variety of ways, including project planning, studies and analysis, and preliminary engineering and design work.

A REGIONAL INFRASTRUCTURE ACCELERATOR WILL BE A CRITICAL TOOL FOR ENSURING TRANSPORTATION PROJECTS IN THE PACIFIC NORTHWEST CAN ACCESS FUNDING TO ENSURE THE REGION STAYS COMPETITIVE. In its first iteration, the RIA will focus on highway-rail grade separation projects and port drayage truck electrification. Moving forward, the RIA will focus on solving critical multimodal choke points that span fivestate PNWER member regions.

Two initial projects slated for acceleration are the Pines Road Highway / Rail Grade Separation Project in Spokane Valley, WA; and the Seaport Emission Reduction by Accelerating Drayage Truck Electrification Project at the Ports of Seattle and Tacoma. These two projects are on a prioritized list which met the criteria of the grant guidelines.

While the PNWER RIA does not directly finance infrastructure projects, it will convene key leaders through its roster of policy, finance, and transportation experts and help states, tribes, and local communities identify traditional methods of financing to get these projects over the finish line.

"After five years of advocating for this funding, we're excited to begin working on this timely project."

- Bruce Agnew, PNWER Transportation Co-Chair; Director, ACES NW Network

CONGREGATE: A SOLUTIONS ACCELERATOR

The Congregate accelerator focuses on building resilience in the Tourism, Performing Arts, Travel, and Hospitality (TPATH) sectors in the Pacific Northwest. Industry experts from the TPATH sectors together with public health experts are supporting companies with capabilities to help reopen these sectors quickly and safely.

"PNWER's focus on addressing the challenges facing the tourism industry as part of the Congregate Accelerator is exciting, and will bring broad benefit to employees and employers going forward.""

- Sarah Leonard, President & CEO, Alaska Travel Industry Association In January of 2021, PNWER established Congregate as a part of its Resilience Foundry initiative to build strong and resilient new economies in the Pacific Northwest. Funded through the U.S. Department of Commerce, the Congregate community consists of mentors, advisors, and sponsors from diverse backgrounds including industry regulators, health experts, affected hospitality and tourism companies, and startup experts.

JANUARY 2021: PNWER presented to the Washington State House Community & Economic Development Committee on the 2020 activities of our Innovation Working Group as well as the Congregate proposal.

MARCH 2021: PNWER receives EDA funding for a solutions accelerator program.

JULY 2021: PNWER announced their selection for Congregate contractor: Moonbeam. Moonbeam builds tools for efficiency in technology scouting and increase deal flow.

AUGUST 2021: Innovation Working Group Co-chairs Senator Mia Costello (AK) and Moonbeam CEO Nirav Desai showcased the vision for the Congregate program at PNWER's Annual Summit.

SEPTEMBER 2021: PNWER began soliciting interest from the innovation economy of the northwest to support the acceleration and scaling solutions that help safely re-open tourism, performing arts, travel, and hospitality industries.

NOVEMBER 2021: Kickoff of the 12 week program runs from Nov 8, 2021 - Feb 18, 2022.

DECEMBER 2021: The halfway point of our first cohort accelerator programming. We continue to build relationships throughout the TPATH industry with our cohort companies.

COHORT COMPANIES

Contactless Commerce **Bespokely** <u>**Lubn Inc.**</u>

Hybrid Experiences Novaby LTD Mantis XR

Immunity Verification SOTECH Health iCrypto Inc.

Workforce Solutions <u>2D Metric</u> <u>Altoura</u>



2021 ANNUAL SUMMIT BIG SKY, MONTANA | AUGUST 15 - 19, 2021



As the COVID-19 pandemic began impacting our communities, PNWER made the difficult decision to postpone the 2020 Annual Summit and went on to host our first ever hybrid Summit in Big Sky, Montana, August 15 - 19, 2021.

Over 325 state and provincial legislators and business leaders from the Pacific Northwest states and western Canada joined in-person and virtually at the PNWER Annual Summit in Big Sky, Montana.

Montana Governor Greg Gianforte joined the PNWER Annual Summit and urged the reopening of the U.S. - Canada border safely and fully. "We share a tradition of cooperation as trade partners, allies, and friends."

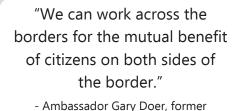
"The conversations started and relationships built at PNWER are critical to our region's continued strength."

-Governor Greg Gianforte, Governor of Montana



The Montana Congressional delegation addressed Summit attendees, reiterating the importance of reopening the border with Canada. Attendees heard from (top to bottom), Representative Matt Rosendale, Senator Steve Daines, and Senator Jon Tester.

"We need to have a strong relationship with our #1 trading partner and strongest ally." - U.S. Senator Jon Tester, Montana



Canadian Ambassador to the U.S.

The Summit featured a panel of former U.S. and Canada Ambassadors reflecting on the U.S. - Canada relationship and challenges at the border with U.S. Ambassador David Wilkins and Canadian Ambassador to the U.S. Gary Doer (virtual); moderated by Scotty Greenwood, Canadian American **Business** Council.



18 PACIFIC NORTHWEST ECONOMIC REGION

"Let's move forward together filled with optimism. The U.S. and Canada are stronger together."

- Senator Mike Cuffe, Montana PNWER President 2019 - 2021

> The Consulate General of Canada - Seattle hosted the Opening Reception and (then) Consul General Brandon Lee welcomed the attendees with brief remarks.





MLA Richard Gotfried led a discussion with Francis LaChapelle, MTA Wholesale, Scott Osterman, MT Department of Commerce, and Washington State Senator Lisa Wellman on the importance of broadband to the PNWER region and the role it plays in economic development across all sectors. Sen. Wellman stated "We don't want to go back to the way things were. We want to build on where we are now."

This year, the four-day bi-national hybrid event focused on the importance of economic recovery in the region with many discussions during keynote plenaries, working group sessions, and the Executive Committee meeting. Other major areas of discussion included renewable energy and resource adequacy, ongoing Columbia River Treaty negotiations, transportation infrastructure, growing costs of wildfires, broadband infrastructure, critical minerals, and more. A Diplomatic Welcome Re-Opening the Border with a Vision for the Future Technology Solutions to Pandemic Challenges Connecting to Tomorrow The Growing Cost of Wildfires

Regional CEO Roundtable Regional Energy Infrastructure and Policy Landscape

Innovative Technologies to Address Energy and Infrastructure Challenges Managing our Region's Resources

Moving Forward: Pandemic Lessons and Economic Recovery The Critical Minerals Driving our World Infrastructure Today and Tomorrow Safer, Faster, Cleaner- The Future of Freight Mobility Agriculture and Cross-Border Livestock Health Build Back Better: Infrastructure for Recovery Water Infrastructure and

> Policy Pacific Northwest Rail Forum



The Summit featured a one of a kind Western Cookout experience with the famous Pitchfork Fondue Reception. Congressman Matt Rosendale took a turn with the pitchfork, showing attendees true Montana hospitality! THE LEADING FORUM WHERE PEOPLE IN THE POLICY WORLD AND THE BUSINESS WORLD COME TOGETHER TO FIGURE OUT SOLUTIONS TO REGIONAL CHALLENGES

2021 ANNUAL SUMMIT



Paul Browning, (then) President and CEO of Mitsubishi Power Americas, Inc. discussing Mitsubishi's western US hydrogen vision for the future.

"We see a great opportunity to position the PNW as the beneficiaries of change and leading the world with net zero power and resource adequacy."

- Paul Browning, (then) President and CEO of Mitsubishi Power Americas, Inc.

A panel of CEOs of our major regional utilities explored our changing energy landscape as we look towards the challenges and opportunities of our shared energy future. The panel emphasized the necessity of regional collaboration as we address the issues of our changing resource mix, resource adequacy, capacity issues, infrastructure and grid modernization. Panel featured David Anderson, CEO, NW Natural; Mary Kipp, President & CEO, Puget Sound Energy; Nicole Kivisto, President and CEO, Cascade Natural Gas; Arne Olson, Senior Partner, C3; Steve Wright, General Manager, Chelan County PUD; Moderated by Bob Rowe, CEO, Northwestern Energy.



Larry Simpkins, President & CEO of the Washington Companies (left) moderated an in-depth Q&A discussion with Neel Kashkari, President & CEO, Federal Reserve Bank of Minneaopolis. Neel answered Summit attendee questions on Economic Recovery and what we have seen and learned from the economic downturn of 2020 and subsequent recovery.



Dan Kirschner, Executive Director, Northwest Gas Association moderated a discussion providing an overview of Energy Policy Landscape and Climate Target Goals with the PNWER Region. Pictured here with Mike Cashell, Vice President, Transmission, NorthWestern Energy (center) and Sen. Lew Frederick, Oregon State Legislature (right.



Kris McCaig, VP of **Environment with Teck** American Inc. gave opening remarks to the discussion on Critical Minerals Driving our World.

Bill Larson, Chairman, Pacific Northwest Building Resilience Coalition, addressed the audience on Infrastructure for Recovery.





Pacific NorthWes Economic Regi

> Cam Sholly, Superintendent of Yellowstone National Park, gave a keynote address on the history of Yellowstone's conservation and vision and future of the Park. He emphasized the need for affordable housing to support the Tourism workforce.



PNWER President Senator Mike Cuffe participated in an interview with Voices of Montana, alongside Scotty Greenwood, CEO of the Canadian American Business Council. The two addressed challenges with the U.S. -Canada border closure.

2021 ANNUAL SUMMIT



Transportation and infrastructure have emerged as priority issues in both the U.S. and Canada. The Summit featured important discussions on a variety of transportation topics including transportation policy and the upcoming legislative agendas, autonomous and electrified freight and aircraft, and the future of rail and how we can leverage our existing systems to stay a competitive and green region.

(Pictured left) Bruce Agnew, Director, ACES NW Network; ID Senator Chuck Winder, OR Senator Lew Frederick, WA Senator Jake Fey, and MT Senator Diane Sands discuss upcoming transportation policy in their respective legislative sessions.

(Pictured right) WA State Representative Andrew Barkis; Gerardo Interiano, VP of Government Affairs, Aurora; and Zak Anderson, VP Corporate Relations, BNSF, discuss Electric and Autonomous vehicle policy.





Summit Host Committee Co-Chairs, Senator Mike Cuffe and Bob Rowe, CEO of Northwestern Energy sit down for a joint interview. PNWER is very thankful for the leadership and support Mike and Bob provided developing the event during the uncertainty of this time. The event was a huge success thanks to their efforts.



Justin Maxson, Deputy Under Secretary of the Department of Rural Development,U.S. Department of Agriculture, along with Christy Clark, Acting Director of MT Dept of Agriculture, spoke about the critical importance of development in rural communities especially in light of the impacts of COVID on rural communities in the U.S. Agricultural products are one of the largest sectors of the regional economy, and rural communities continue to be impacted by the pandemic.



Hats off to Senator Mike Cuffe who passed the gavel for the PNWER Presidency to MLA Richard Gotfried of Alberta. Senator Cuffe served two years as PNWER President during this unprecedented time, and we are incredibly grateful for his dedication and leadership. We look forward to working with newly elected President MLA Gotfried.

"The pandemic shone a spotlight on the fact that broadband isn't a luxury any more; its a necessity. "

- Justin Maxson, Deputy Under Secretary, Department of Rural Development, U.S. Department of Agriculture

2021 ECONOMIC LEADERSHIP FORUM

VANCOUVER, B.C. | NOVEMBER 17 - 19, 2021

The Economic Leadership Forum provides an opportunity for local, provincial, and state leaders in both the public and private sectors to carry out in-depth discussions on key subjects affecting our regional economy. This year's Economic Leadership Forum was held as a hybrid in-person/virtual event.

ELECTRIFY THE SKIES: ADVANCED AIR MOBILITY IN THE PNW

CULTIVATING GROWTH: TENDING TO THE ECONOMIC FUTURE OF OUR REGION

STAY CURRENT: A REGIONAL ENERGY AND CLIMATE POLICY DISCUSSION

CHARGING FORWARD: EV POLICIES AND Technologies for an electrified World

ON BACK ORDER: SUPPLY CHAIN WOES

SETTING THE ITINERARY: REGIONAL TOURISM RECOVERY AND RESILIENCE

HELP WANTED: PANDEMIC WORKFORCE Challenges

UN-MUTED: HOW PNWER PROJECTS <u>Contribute to the region Post-</u> <u>Pandemic</u> The Future Borders Coalition partnered with PNWER to discuss strategies and priorities for the air, land, and sea border crossings along with challenges to the supply chain. From left: Peter Xotta, Port Metro Vancouver; Donnie Brown, CLIA; Laurie Trautman, Border Policy Research Institute; Mike McNaney, National Airlines Council of Canada; Daniel-Robert Gooch, Canadian Airports Council





We were delighted to host the Canadian American Business Council's 27th Annual State of the Relationship Gala featuring dignitaries, diplomats, and business leaders from across the two countries celebrating the U.S. - Canada relationship.



The evening was full of surprises such as the appearance of Prime Minister Justin Trudeau, as well as the new U.S. Ambassador to Canada, David Cohen. Inperson remarks in Vancouver were provided by Consul General Brent Hardt, U.S. Consulate in Vancouver, and Consul General Mia Yen, Consulate General of Canada, Seattle.

"The cross-border ties that are part of the greater Pacific Northwest drive the economies of both our nations."

- Consul General Brent Hardt, U.S. Consulate General in Vancouver



"[PNWER] is a great opportunity to foster important connections in areas of shared interest for the benefit of the entire region. Now more than ever, it's important to collaborate and work together to achieve our objectives for a greener, more sustainable future, move forward from the COVID-19 pandemic, and build our economic region back stronger." MLA Rick Glumac, PNWER Vice President



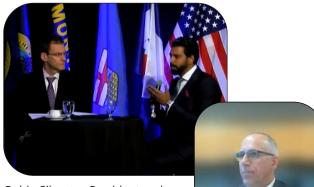
Anita Huberman, President & CEO of the Surrey Board of Trade, and Lisa Brown, Director of the Washington State Department of Commerce, gave an important presentation on economic recovery for the region, exploring what is changing in the post-pandemic economy and what policies should be addressed for more equitable growth. Anita Huberman emphasized that "We need to focus on social protection; we need to ensure that every single person matters in economic recovery. We can't leave anyone out." Lisa Brown added that "connectivity is so important; if all homes and businesses had the access they needed for high-speed broadband, the benefits across the region would be tremendous for equity and commerce."



Ron Hetrick, Senior Labor Economist with ESMI Burning Glass, gave a compelling overview of the complex issues influencing the current labor shortages.

Workforce Gaps to Pre-Covid by Age

	Unemployed Excess*	Not in Labor Force Excess*	
20-24 yrs.	148K ႞	131K 🖊	
25-54 yrs.	1.2M 👃	1.5M 👃	
55+ yrs.	373K 🚹	3.3M 1	
	= 1.7M	4.9M	
Nervas of Later Borrow, out the of Andrew and on the are Developerated	-	= 6.6M	



Robin Silvester, President and CEO of the Vancouver Fraser Port Authority, and John Wolfe, CEO of the Northwest Seaport Alliance (virtual), addressed current challenges facing the global Supply Chain, moderated by Victor Thomas, President and CEO of the Canada-India Business Council.



Bruce Agnew, Director of the ACES NW Network, moderates a panel on Rural Electric Vehicle policies and future-oriented transportation decarbonization strategies in North America. Featured panelists included Brent Graham, FortisBC; Meg Rowe, Oregon Dept. of Transportation; Megan Lohmann, Community Energy Association



With the U.S. land border open again to Canadian travelers, attention needs to focus on restoring our regional tourism economy. This session addressed several thought-provoking questions around consumer confidence and public trust, biosecurity and resiliency, and the importance of harmonizing policies across borders and modes of travel, featuring, Sen. Michelle Stennett, ID; David Blanford, WA Tourism Alliance; MLA Richard Gotfried, AB; Richard Porges, Destination BC; and Dave Cowen, The Butchart Gardens.

"This is the imperative of our era and the work of our time. We have this moment of opportunity to engage and lean in."

- Sen. Reuven Carlyle of Washington State on Decarbonization and Climate Change



Legislators from throughout the PNWER region discussed recent energy and climate legislation and the opportunities and challenges to implement these policies. Panel featured in-person remarks from PNWER Energy Working group co-chairs David Bennett, FortisBC, and MLA Rick Glumac, BC (not pictured), along with MLA Ken Francis of Saskatchewan; and virtual participation from Hon. Bruce Ralston, BC Minister of Energy, Mines and Low Carbon Innovation, and WA Sen. Reuven Carlyle, Chair of Environment, Energy and Technology Committee.



"Our two nations rely on each other for our mutual prosperity and security."

- Canadian Consul General Mia Yen speaking on the importance of the Canada - U.S. Relationship

PNWER WORKING GROUP CO-CHAIRS

PNWER's working groups, co-chaired by the public and private sectors, meet throughout the year with stakeholders to address regional priorities for their sectors. Action Items are developed by the working groups representing concrete actions the working groups will take to advance the priority work throughout the year. The Action Items are approved by the PNWER Executive Committee during the Annual Summit.





Ken Francis, MLA Alberta



Patrick Kole Vice President Idaho Potato Commission Border & Trade





Sen. Mike Cuffe Montana

Laurie Trautman Director Border Policy Research Institute

Purpose: Serves 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.

CROSS-BORDER LIVESTOCK HEALTH

Purpose: Provides input on agriculture trade issues to key

decision makers in Ottawa and D.C. Focuses on agriculture

trade with a primary examination of the USMCA and the

Regulatory Cooperation Council (RCC) Action Plan.



Dr. Tahnee Szymanski Asst. State Vet State of Montana



Janice Tranberg President and CEO AB Cattle Feeders Assoc

Purpose: Exchanges information on animal health issues and emergency response to emerging and foreign animal diseases.

Disaster Resilience



Rep. Cindy Ryu Washington



Brad Richy Director ID Office of Emergency Management

Purpose: Works to create public-private partnerships, develop action plans, and undertake pilot projects and activities to improve regional disaster resilience cooperation and emergency preparedness.

ECONOMIC DEVELOPMENT



Alberta



President Jobs Plus Inc.

Purpose: Shares case studies of initiatives that can be replicated, including innovative financing opportunities, rural economic development, Indigenous business development, and urban-to-rural economic drivers.

ENERGY





Rep. Derek Skees Montana

Dan Kirschner Executive Director Northwest Gas Association

Purpose: Strives to find ways to provide sustainable energy for North America that is clean, safe, affordable, and reliable while meeting low carbon targets and lowering the region's overall carbon footprint.







Rick Glumac, MLA Premier's Liaison to WA State British Columbia

Paul Manson CEO **DC Grid Development Corporation**

Purpose: Addresses the convergence of environmental sustainability and economic development, while promoting the region's competitiveness in addressing environmental challenges with innovative solutions.



State Forester President Montana Dept. of Natural Resources American Forest Resource Council

Purpose: Promotes collaboration between forest managers, landholders, legislators, agency staff, non-profits, and academics dedicated to healthy and sustainable forest management, conservancy, and wood products research.



Moonbeam Exchange

Purpose: Channels the strengths of the region's resources into a collaborative, comprehensive effort to maximize economic benefit and respond to the competitive landscape of the global economy.

INVASIVE SPECIES



Commission Admin MT Dept. of Nat. Resources and Conservation

Purpose: Establishes a regional defense against invasive species threats by bringing together state and provincial partners to collaborate on initiatives and coordinate on strategic partnerships and information-sharing.

PNWER WORKING GROUP CO-CHAIRS

<u>Mining</u>





Sen. Keith Regier Montana

Tammy Johnson Executive Director **Montana Mining Association**

Purpose: Identifies best practices for environmental sustainability while fostering responsible economic development, engaging with Indigenous groups to improve the quality of life in the region.



Sen. Michelle Stennett Idaho



Dave Cowen CEO The Butchart Gardens

Purpose: Develops a more interconnected tourism region and facilitates collaboration among industry and public partners throughout the region. Tourism is one of the largest economic drivers in several PNWER jurisdictions.

Tourism



Purpose: Collaborates on public policy of transportation

development, infrastructure financing, and addresses the

challenges of multi-modal market access to global markets.

WATER POLICY



Washington

Director of Development University of Lethbridge

Purpose: Addresses regional water policy issues and corridors and gateways, shares best practices on technology connects legislators, private-sector, and universities to identify best practices to improve water security, climate change adaptation, and water storage options.



Purpose: Provides member policymakers, governments, academia, and industry with ideas and advice in support of regional workforce policies that promote education, worker retention, and mobility within the region.



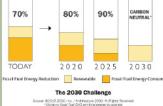
PNWER WEBINAR SERIES

- Ensuring Reliability & Resource Adequacy in Achieving Climate Goals in the Pacific Northwest
- <u>Cement & Concrete Pathways to Carbon Neutrality</u>
- <u>Concrete Innovations: Environmental Impacts of</u>
 <u>Building Materials</u>
- Sustainability Solutions in the Concrete Industry
- <u>The Resilience Advantage: Economic &</u> <u>Environmental Benefits of Disaster Resilient</u> <u>Design</u>



As the COVID-19 pandemic began impacting our communities, PNWER pivoted its activities in 2020 to respond to the realities of our new world. Through our working groups, we started offering virtual programming through a webinar series focused on a sector-by-sector approach to economic recovery, which continued on in 2021.

Why Net-Zero? Benefits for the economy, society and the environment



Increases resilience

Endures extreme weather events and natural hazards through seismic and functional upgrades. Reduces dependen on aging infrastructure.

Promotes job creatio

Spurs new jobs in trades, manufacturin professional services, information technology and financing sectors.

Increases affordability and value of buildings

Reduces energy costs for consumers. Improves comfort, health, and aesthetic

Contributors

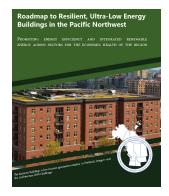
British Columbia Ministry of Energy and Mine: Construction Center of Excellence Energy Trust of Oregon Insulating Concrete Forms Manufacturers Association FortisBC

RDH Building Science Pacific Northwest Building Resilience Coalition

ROADMAP TO ULTRA-LOW ENERGY AND RESILIENT BUILDINGS

In 2020, PNWER continued our Roadmap to Ultra-Low Energy and Resilient Buildings, a multi-year effort aimed at greener, more efficient, and more resilient buildings, and the development of a policy and technical roadmap for improving new and existing buildings within the 10-jurisdiction PNWER region. In the latest phase of the Roadmap, PNWER has partnered with University of Victoria and the Pacific Northwest Building Resilience Coalition on a series on research projects examining best practices in

1) building energy efficiency and emissions, 2) life cycle efficiency assessment of building materials and embodied carbon, and 3) resiliency to withstand or adapt to risks of climate change. The research projects will further develop tools to explore the optimization of new buildings and retrofits to meet net-zero energy targets and greenhouse gas reduction, and analyze resiliency maximization and anticipated climate risks for building design and retrofit solutions. The overarching purpose of the Roadmap project is to increase energy efficiency, reduce greenhouse gas emissions, and improve resiliency and seismic resistance of new and existing buildings in the Pacific Northwest region.



PARTNERS, SUPPORTERS, & MEMBERS

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 over 30 years ago. PNWER's reach cross-border and region-wide makes it a valuable organization for business and government leaders alike.

STATUTORY MEMBERS

- Alaska
- Alberta
- British Columbia
- Idaho
- Montana

- Northwest Territories
- Oregon
- Saskatchewan
- Washington
- Yukon

"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

GOVERNMENT PARTNERS & ASSOCIATIONS

- Canada Border Services Agency
- Cascadia Innovation Corridor
- City of Bozeman
- City of Seattle
- Consulate General of Canada in Seattle
- Cyber Incident Response Coalition & Analysis Sharing (CIRCAS)
- Energy Council
- Flathead Basin Commission
- Future Borders Coalition
- Government of Canada
- Idaho National Laboratory
- Idaho Office of Emergency Management
- King County Office of Emergency
 Management
- NASCO

- National Conference of State Legislatures
- Pacific Northwest National Laboratory (PNNL)
- Snohomish County Office of Emergency
 Management
- U.S. Consulate General in Calgary
- U.S. Consulate General in Vancouver
- U.S. Customs & Border Protection
- U.S. Department of Energy
- U.S. Department of Homeland Security
- Washington State Homeland Security Region 6
- Washington State Military Department
- Western Governors Association

ACADEMIC PARTNERS

- Border Policy Research Institute at WWU
- Northeastern University
- Portland State University
- Spokane Community Colleges
- University of Idaho

SUPPORTERS & MEMBERS OF PRIVATE SECTOR COUNCIL

- ACES Northwest Network
- Adventech
- AJM
- Alaska Airlines
- All Aboard Washington
- AltaLink
- Amazon
- American Electric Power
- American Gas Association
- American Public Power Association
 •
- Association of Professional Engineers
 & Geoscientists of Alberta
- Association of Professional Engineers
 & Geoscientists of Saskatchewan
- Avista
- Battelle
- BERK Consulting
- Berkshire Hathaway Energy
- Big Sky Resort
- Blue Cross Blue Shield of Montana
- BNSF Railway
- BP
- The Butchart Gardens
- Canadian American Business Council
- Canadian Energy Pipeline Association•
- Canpotex
- Capital Power
- Community Colleges of Spokane
- Cruise Lines International
- Edison Electric Institute
- Enbridge
- Engineers & Geoscientists of B.C.
- EQL Energy

- ExxonMobil
- Fasken Martineau
- Food Northwest
- FortisBC
- Hecla Mining Company
- Idaho Dairymen's Association
- Idaho Forest Group
- Idaho Potato Commission
- Idaho Power
- J.R. Simplot
- Marathon Petroleum
 - Matanuska Telephone Association MDU Resources
- Microsoft
- Midas Gold
- Mitsubishi Power
- Montana Electric Cooperatives'
 Association
- Montana Logging Association
- Montana Telecommunications Association
- Montana Wool Growers Association
- Moonbeam Exchange
 - Mosaic
 - National Cattle Feeders Association
- Nelson Mullins
- Northwest Cement Council
- Northwest Gas Association
- Northwestern Energy
- Nuclear Energy Institute
- Oregon PUD Association
- Pacific Northwest Building Resilience Coalition •

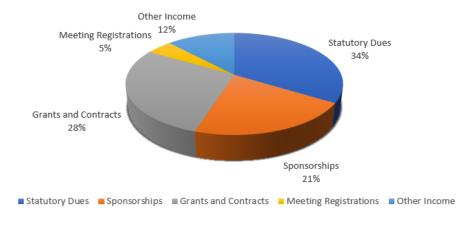
- Pacific Northwest Law
 Group
- Port of Seattle
- Port of Vancouver
- Portland General Electric
- Pro Co-Op
- Puget Sound Energy
- Quad-Lock
- R.D. Offutt Company
- SK Cattlemen's Association
- Schneider Electric
- Seft Consulting
- Shell Energy North
 America
- Sheridan Electric
- South Island Prosperity
 Partnership
- Teck
- The Washington Companies
- Town Pump
- Vancouver International Airport
- Washington Public
 Utility Districts Assoc.
- Washington Tourism
 Alliance
- Westin Building
 Exchange
- Weyerhaeuser
- Zions Bank

- University of British Columbia
- University of Saskatchewan
- University of Victoria
- University of Washington
- Western Washington University

FINANCIAL REPORT

THE PACIFIC NORTHWEST ECONOMIC REGION FOUNDATION OPERATES AS A U.S. 501(C)6 NONPROFIT ORGANIZATION.

PNWER's income is derived from statutory dues from member jurisdictions as well as state, provincial, and federal grants and contracts, and private sector contributions. Private sector sponsorships vary by company and amount and help fund projects, meetings, and conferences.



REVENUE

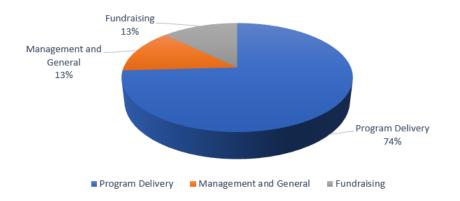
FISCAL YEAR 2021 REVENUE

Statutory Dues	\$416,000.00
Sponsorships	\$261,750.00
Grants & Contracts	\$351,131.72
Meeting Registrations	\$56,343.68.00
Other Income	\$148,472.00

Total Revenue

\$1,233,696.40

EXPENSES



FISCAL YEAR 2021 EXPENSES

529.59
843.33
712.90

Total Expenses \$1,226,085.82

31ST PNWER ANNUAL SUMMIT

JULY 24-28, 2022 CALGARY, ALBERTA







10 Provinces, States, & Territories 20+ Sessions 125+ Speakers & Networking from Canada Breaks & the U.S. 500+ Legislators, Business Leaders, & Decision Makers

VISIT PNWER.ORG/2022-SUMMIT



WHY ATTEND THE SUMMIT?

The PNWER Annual Summit provides the opportunity for delegates to:

- Collaborate with U.S. & Canadian public and private sector leaders
- Strengthen regional cooperation
- Learn about key economic issues
- Advocate for regional interests
 - Discover a working group and join regional leaders throughout the year in collaborating on issues

"PNWER builds stronger economic links across the region, finding common ground, engaging in dialogue and advocating for our collective economies for the people and the businesses that we serve. It is so important that we take advantage of every opportunity to connect with each other."

> - Richard Gotfried, MLA, Alberta PNWER President 2021 - 2022

THE LEADING FORUM WHERE PEOPLE IN THE POLICY WORLD AND THE BUSINESS WORLD COME TOGETHER TO FIGURE OUT SOLUTIONS TO REGIONAL CHALLENGES



Pacific NorthWest Economic Region

Pacific Northwest Economic Region 2200 Alaskan Way, Ste 460 Seattle, WA 98121