

# **ABOUT PNWER**

The Pacific NorthWest Economic Region (PNWER) is a statutory public/private non-profit created in 1991 by the states of Alaska, Idaho, Oregon, Montana, Washington, and the Canadian provinces of British Columbia, Alberta, Saskatchewan, and the Yukon and Northwest Territories.

# **Mission Statement:**

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

# Goals:

- 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
- Communicate provincial and state policies throughout the region



# COLLABORATIVE PROSPERITY: OVERCOMING CHALLENGES BY WORKING TOGETHER AS A REGION

Message from the President	<u>4</u>
President Winder's Initiative	<u>6</u>
Action Items	Z
Leadership	<u>8</u>
Staff	<u>9</u>
Connect with PNWER	<u>10</u>
Capital Visits	11
PNWER Visits to Washington, DC	<u>13</u>
Legislative Energy Horizon Institute	<u>14</u>
Border Policy	<u>15</u>
Center for Regional Disaster Resilience	<u>16</u>
Pandemic Resilience Roadmap	<u>19</u>
Regional Infrastructure Accelerator	<u>20</u>
Congregate	<u>21</u>
Annual Summit	<u>22</u>
Economic Leadership Forum	<u>26</u>
Working Group Co-Chairs	<u>28</u>
PNWER Statements	<u>31</u>
Partners, Supporters, & Members	<u>32</u>
Financial Report	<u>34</u>
Boise Annual Summit Save the Date	<u>35</u>



# MESSAGE FROM THE 2022 - 2023 PNWER PRESIDENT



Senator Chuck Winder President Pro Tempore Idaho Senate District 20

It is the time of year when we reflect on the events of the past year and look toward the new. I am honored to have been elected as PNWER's president for 2022 and 2023 at the PNWER Annual Summit in Calgary in July. One of the great things about PNWER is that we all come from different political points of view, but we discover we have more in common than we disagree on-how we prosper, how we provide for safety for our constituents, and so much more.

There is a lot of commonality across our ten PNWER jurisdictions. Whether it is energy, our coastal ports, food production-whatever it is-PNWER is a great way for people to communicate and help each other. Our region has an abundance of resources-our natural resources, our people, and the man-made resources that we produce. We help to supply and feed the world. We are truly blessed.

My experience with PNWER is that PNWER actually accomplishes what it sets out to do. We put together a plan and work across our jurisdictions. We are able to work on everything from border issues to transportation-you name it!--, and we are able to come up with good solutions. PNWER is a great forum to bring people together!

When a new President is elected, it has been the tradition that the incoming President of PNWER shares their theme for the coming year's activities. Therefore, I wish to share my vision or theme for the coming year.

As a result of being involved in PNWER for many years, it has become quite obvious that our two countries and the PNWER region made up of five western Canadian provinces and territories and five U.S. states are not well prepared to provide a plan for sustainability and security of essential sources and supplies of energy, food, and critical minerals. The pandemic made it clear that we need to focus on these issues.

Looking to the future, there are three main issues that the U. S. and Canada must collaborate on to ensure economic continuity and prosperity across the border: Food Security & Supply Chain Resiliency; Energy Security, Reliability, & Sustainability; and Critical Minerals. These topics are highly interconnected. Canada and the United States must work together to address gaps in our systems and develop a clear plan to address food and energy sustainability as we become increasingly dependent on existing and emerging technologies.







One of our greatest challenges as we move toward a path to energy sustainability is not the lack of natural resources but rather, in some cases, the extreme cost and delays involved in the permitting process and the myriad of overlapping and competing jurisdictions that sometimes prevent both the U.S. and Canada the ability to develop sustainable and secured energy, food, and critical mineral sources. We need to think forward for solutions to achieve the goal of sustainability and security of essential sources and supplies of energy, food, and critical minerals and develop a clear transition plan as we move toward a sustainable low carbon energy future.

My goal in establishing this theme of energy, food, and critical minerals sustainability and security is shared with the hope that the members of PNWER will work together to influence our two federal governments to develop a cooperative plan to provide for sustainability and security of life's most essential natural resources that provide food, energy, and critical minerals that allow our two nations to survive and to prosper.

Before I conclude, I want to take this opportunity to thank my friend, MLA Richard Gotfried, for his outstanding leadership as PNWER's president in 2021 and 2022. He is a wonderful example of the power of our strong cross-border relationships and what we can accomplish when we come together as a region.

Lastly, I want to invite everyone to come out to Boise for PNWER's 32nd Annual Summit on July 16–20, 2023. We are going to have a busy year ahead of us as we prepare, and I look forward to welcoming you all to my home state. The Summit is going to be great!

As we move into 2023, my hope for you is that you remember how blessed we are as a region and continue to be involved with PNWER. Even though we have our political differences, we can focus on our common issues of housing, transportation, food production and security, energy, and critical minerals. If we set a good example of working together, then maybe other parts of our countries will follow suit. We can accomplish much when we work together!

Sincerely,

Senator Chuck Winder, Idaho

West Wins

PNWER President, 2022 - 2023

# **President Winder's 2023 Initiative**

# Developing a Framework for U.S.-Canada Energy Security and Sustainability A Competitive Advantage for the Region

# **Competitive Advantage Opportunities**

- Expand current power and energy production base to leverage our worldclass energy resources to empower workers, enhance economic and national security, and reduce global greenhouse gas emissions.
- Support infrastructure, resources, investments, and incentives to build out the renewable energy manufacturing and electricity sector.
- Address permitting reform to ensure all energy, mineral, and infrastructure projects can be built in an efficient, timely, and certain manner.
- Realize the specific opportunities for the region to become a domestically secure and globally dependable clean energy superpower. This includes rapidly advancing and supporting the demand for and creation of enabling infrastructure and exports of existing low carbon energy such as wind, geothermal, hydro, hydrogen, and LNG.
- Recognize the opportunities to attract, train, and sustain workers to support needed technology and infrastructure development.

Over the next 12 months, the PNWER **Working Groups** will focus on these and other issues related to the Presidential Initiative

Agriculture	Supply Chain Investments     Ag Technology
Energy and Environment	Electric Vehicles, Battery Tech, & Hydrogen     Oil and Gas Transition Planning
Transportation	Supply Chain Infrastructure     Transportation Corridors
Infrastructure	Public Private Partnerships     US-Canada Investments / Permitting Reform
Mining	Critical Minerals     New Mining Technology
Innovation	New Technology in our Region     Clean Energy Technology
Water	Columbia River Treaty     Hydro Power and Permitting
Economic Development & Workforce	Workforce and Economic Development Opportunities

# Food Security & Supply **Chain Resilience**

- Supply Chain <u>Infrastructure Investments</u>
- U.S.-Canada Strategic Collaboration & Coordination

# **Energy Security, Reliability & Sustainability**

- Electricity
- Oil & Gas
- Renewables and Clean **Energy Technology**
- Permit Reform

# Critical Minerals

- Resource Development
- Supply Chain Infrastructure
- Permit Reform
- Clean Energy Technology
- Battery Technology

# **Presidential Initiative Outcomes**

- 1. Develop a repository of information to share best practices and common barriers between the states, provinces, and territories to achieve success in energy sustainability and security while increasing food production and developing critical mineral production.
- 2. Work with the PNWER states, provinces, and territories to provide specific data and best practices on how our jurisdictions are planning for a transition toward a secure, sustainable low carbon energy future.
- 3. Work with the PNWER states, provinces, territories, First Nations, and Tribes to identify priority opportunities for environmentally sound, critical mineral development and related permit reform.
- 4. Develop clear recommendations to both Washington, DC and Ottawa to develop a transition plan working with states, provinces, and territories on how best to move toward the goal of a secure and sustainable energy future for our two great nations.

# **Agriculture**

- 1. Provide meeting space for Agriculture Ministers and Directors to come together during the PNWER Summit to discuss regional issues and build relationships.
- 2. Statement on Agriculture Supply Chain Infrastructure Investment (See pg. 31 for statement)

# **Arctic Caucus**

1. PNWER to send out proceedings from session with Arctic Stakeholders. (Completed August 2022)

# **Border**

1. PNWER to help promote the Future Border Coalition (FBC) Transportation Border Summit which will be held in Washington, DC at the Canadian Embassy October 12-13, 2022. FBC will release its Future Border Strategy at this meeting. (Completed October 2022)

# **Cross-Border Livestock Health**

- 1. CFIA and USDA prioritize development and delivery of electronic certification at all livestock border port crossings (including integrated regulatory platforms, compatible/seamless animal electronic identification (EID) and livestock movement tracking systems).
  - a. Identify and prioritize the use of new technology to increase the ability to track animals across the Canada U.S. border AND
  - b. Identify ways this increased ability to trace animals can be used to ease requirements on the cross-border movement of livestock.
- 2. Canada and the U.S. prioritize a National Animal Preparedness response to proactively prepare for a disease scenario that will mitigate disease spread while also minimizing trade disruptions between our two countries.
  - a. Focus on Food & Mouth Disease (FMD) as a disease model
  - b. Coordination and collaboration on model development between the U.S. and Canada

# **Energy Sessions**

1. The PNWER Energy Working Group is interested in supporting the PNWER President's initiative to develop a Canada – U.S. Energy Security and Sustainability Framework, and will assist in developing linkages between Hydrogen initiatives in western Canada with a Pacific Northwest Hydrogen Hub proposal being developed by Washington State and Oregon.

### **Innovation**

1. PNWER Secretariat should explore expanding PNWER's Innovation Program to develop a proposal to PrairiesCan to expand the U.S. Congregate Program to Western Canada.

# **Invasive Species**

- 1. Renew PNWER Action Item from 2018: To establish a Northwest Legislative Quagga/Zebra Advisory Committee to advocate for continued funding for AIS prevention in the Northwest states.
- 2. Follow up on the draft Western Canada and Northwest United States Memorandum of Understanding for Coordinated Defense Against Invasive Mussels with the US Army Corps of Engineers and with the PNWER States and Provinces.
- 3. Explore hosting a cross-border exercise in Boise, Idaho on Feral Swine.

# Tourism/Workforce

1. PNWER Tourism co-chairs submitted a letter of support for the renewal of the Canadian Federal Tourism Growth Strategy. (Completed August 2022)

# **Water Policy**

1. Distribute findings from session to participants and begin a recruiting process for a new U.S. working group co-chair.

Pacific Northwest Economic Region 7

# **2021 - 2022 Leadership**



Sen. Chuck Winder President Idaho



**MLA Rick Glumac Vice President** British Columbia



Sen. Mia Costello Vice President Alaska

Montana



**MLA Ken Francis Vice President** Saskatchewan



Rep. Cindy Ryu **Vice President** Washington

# **Delegate Council**

# Alaska

Gov. Mike Dunleavy Lt. Gov. Kevin Meyer

### Sen. Mia Costello

Sen. Jesse Kiehl

Sen. Donny Olson (Alt)

Sen. Bill Wielechowski (Alt)

Rep. Chris Tuck

Rep. DeLena Johnson

Rep. Louise Stutes (Arctic

Rep. James Kaufman (AC Alt)

### **Alberta**

Premier Jason Kenney

# Richard Gotfried, MLA

Roger Reid, MLA

Garth Rowswell, MLA

R.J. Sigurdson, MLA

### **British Columbia**

Premier John Horgan

### Rick Glumac, MLA

Dan Ashton, MLA

Brittny Anderson, MLA

Brenda Bailey, MLA

Roly Russell, MLA

### Idaho

Gov. Brad Little Sen. Michelle Stennett

# Sen. Chuck Winder

Sen. Dan Johnson (Alt)

Sen. Ali Rabe (Alt)

Rep. Brooke Green (Alt)

Rep. Sally Toone

Rep. Rick Youngblood Rep. Clark Kauffman (Alt)

Sen. Shannon O'Brien

Gov. Greg Gianforte

Sen. John Brenden (Ret.)

Sen. Terry Gauthier (Alt)

Rep. Derek Skees

Sen. Mike Cuffe

Sen. Keith Reiger

Rep. Katie Sullivan

Rep. Steve Galloway (Alt)

### **Oregon**

Gov. Kate Brown

Sen. Arnie Roblan (Ret)

### Sen. Lew Frederick

Sen. Bill Hansell

Sen. Chuck Riley (Alt)

Sen. Bill Kennemer (Alt)

Rep. David Brock Smith

# **Northwest Territories**

Premier Caroline Cochrane

Hon. Caroline Wawzonek

### Saskatchewan

Premier Scott Moe

Ken Francis, MLA

# **Washington**

Gov. Jay Inslee

Sen. Bob Hasegawa

Sen. Jim Honeyford

Sen. Lisa Wellman (Alt)

Rep. Bruce Chandler

# Rep. Cindy Ryu

Rep. Andrew Barkis (Alt)

Rep. Liz Berry (Alt)

### Yukon

Premier Sandy Silver

Hon. Ranj Pillai

**Private Sector Council** 

### Canada Co-Chair

David Bennett

Director, FortisBC

# U.S. Co-Chair

Dan Kirschner

Executive Director, Northwest Gas Assoc.

Casey Sullivan, Marathon Petroleum Hans Neidig, ExxonMobil

### Alberta

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

## **British Columbia**

Colin Smith, APEGBC David Bennett, FortisBC Don Dalik, Fasken Martineau Ken Davis, Quad-Lock

Marcia Smith, Teck Glen Wonders, AME BC Emilie de Rosenroll, South Island Prosperity Partnership

### Idaho

Ken Dey, J.R. Simplot Patrick Kole, Idaho Potato Commission Norm Semanko, Idaho Water Users Assn. Bob Naeurbout, Idaho Dairymen's Assn. John Revere, INL/Battelle

# **Montana**

Mike Halligan, The Washington Companies Diane Smith, American Rural Bob Rowe, Northwestern Energy

# **Northwest Territories**

Darrell Beaulieu, Denendeh Investments Pawan Chugh, NWT BDIC

### Oregon

Dan Kirschner, NWGA

Sunny Radcliffe, PGE Kent Yu, Seft Consulting Ken Nicholas, EQL Energy Curt Abbott, Oregon PUD Association

# Saskatchewan

Stormy Holmes, APEGS Scott Rudderham, Canpotex Alan Migneault, AJM Janice Tranberg, National Cattle Feeders

# Washington Pam Brady, BP

Johan Hellman, BNSF Janet Kelly, PSE DeLee Shoemaker, Microsoft Megan Ouellette, Alaska Airlines Melanie Roberts, PNNL Bob Sailer, PNWLG

Stanley Noel, Dena Nezzidi Development Corporation

# **PNWER STAFF**



**Matt Morrison** Chief Executive Officer matt.morrison@pnwer.org



**Brandon Hardenbrook** Chief Operating Officer brandonepnwer.org



**Eric Holdeman** Director, CRDR eric.holdeman@pnwer.org



**Bruce Agnew** Director, RIA bruce@pnwer.org



**Steve Myers** Senior Program Manager steve@pnwer.org



Rachael Kopp Senior Program Manager rachael.koppepnwer.org



**Betz Mayer** Assistant Director, RIA betz.mayer@pnwer.org



**Tara Edens** Program Manager tara.edens@pnwer.org



**Nate Weigel** Program Manager nate.weigelepnwer.org



**Brigette Burwell** Program Coordinator brigette.burwellepnwer.org



Stephanie Dinca Program Coordinator, RIA stephanie.dincaepnwer.org



**Sumi Shah** Controller sumi.shahepnwer.org

# CONNECT WITH PNWER



Let's Get Connected for Our Latest News & Updates

Twitter: @PNWER



LinkedIn: @Pacific Northwest **Economic Region** 



Instagram: @therealPNWER



Email: info@pnwer.org

2200 Alaskan Way #460 Seattle, WA 98121

# **CAPITAL VISITS**

Every year, the PNWER Executive Committee visits our region's capitals to advocate for regional issues, strengthen connections between PNWER officers and state and provincial leadership, highlight PNWER programs and activities, and assess priorities that PNWER should focus on for the coming year. The visits also allow for cross border legislative collaboration.



Juneau MLA Richard Gotfried testified to the Alaska Senate Labor & Commerce Committee on PNWER Initiatives, along with PNWER Innovation Co-Chair, Nirav Desai, CEO of Moonbeam; Lindsay Randall, Program Manager of Moonbeam; and Steve Myers, PNWER Senior Program Manager, on the PNWER Congregate Solutions Accelerator.

# **Alaska Meetings:**

- Lieutenant Governor Kevin Meyer
- Speaker of the House Louise Stutes
- House Majority Leader Rep. Chris Tuck
- Senate Minority Leader Sen. Tom Begich
- Sen. Mia Costello, PNWER Vice President
- Rep. Sarah Hannan, Legislative Council Chair
- Senate Transportation Chair, Sen. Robert Myers
- House Natural Resources Chair, Rep. Josiah Patkotak
- Senate Resources Chair, Sen. Josh Revak
- Senate Rules Committee Chair, Sen. Gary Stevens
- Rep. DeLena Johnson, PNWER Delegate
- · Sen. Jesse Kiehl, PNWER Delegate
- Senate Labor and Commerce Committee



PNWER Delegates visit the Juneau State
Capitol

"The PNWER Capital Visits provide an opportunity for face-to-face meetings with legislators and play a part in building personal relationships. PNWER is noted for having a strong voice for regional advocacy." - MLA Richard Gotfried

### Salem Meetings:

- State Resilience Officer Mike Harryman
- Sen. Lew Frederick
- Rep. David Brock Smith
- House Chair of Joint Transportation Committee, Rep. Susan McLain
- Sen. Bill Hansell
- Natural Resources and Wildfire Committee Chair, Sen. Jeff Golden
- Senate Energy & Environment Committee Vice Chair, Sen. Lynn Findley
- Sen. Janeen Sollman
- Transportation Committee Chair, Sen. Lee Beyer
- Sen. Bill Kennemer
- Leah Horner, Infrastructure and Regional Solutions Director, Office of Governor Brown
- Sophorn Cheang, Director, Business Oregon
- Dan Kirschner, Executive Director, NW Gas Association



PNWER Delegates at the Salem Hearing

# **CAPITAL VISITS**





Meeting with Idaho Governor Brad Little

Boise PNWER Delegation (L-R) Matt Morrison, MLA Richard Gotfried, AK Sen. Mia Costello, Consul General Mia Yen, PNWER Transportation Co-Chair Bruce Agnew, ID Sen. Chuck Winder, and MT Sen. Mike Cuffe met with Idaho Governor Brad Little (center).

# **Boise Meetings:**

- Senate Agricultural Affairs Committee
- Governor Brad Little
- Speaker of the House Scott Bedke
- Senate Transportation Committee
- Mollie McCarty, Chief External Affairs Director, ID Department of Transportation



PNWER Delegates at the Boise State Capitol



PNWER Delegates MLAs Richard Gotfried and Roger Reid with U.S. Consul General Holly Waeger Monster

"The bridges we build through our engaged crosssectoral working groups forums and annual summits are instrumental to the region"

- MLA Richard Gotfried

Edmonton It was a pleasure to host U.S. Consul General Waeger Monster and her team on behalf of PNWER at the Alberta Legislature. Thanks to Minister Doug Schweitzer and fellow Caucus members for input on U.S.-Canada trade relations. -MLA Richard Gotfried



# **PNWER VISITS** WASHINGTON, DC

PNWER works with the respective federal governments in Ottawa and Washington, DC to bring those messages forward and collaborate when possible to strengthen the regional economies and investment opportunities. PNWER has a strong and respected voice and it is important to work to find common ground across jurisdictions. PNWER met with legislative leaders and staff from the U.S. Federal Government both virtually and in person to highlight and gain insight on a number of PNWER priorities.

The outreach to federal partners focused on PNWER's core priorities of environmental sustainability and economic development. Additionally, meetings were conducted with legislators to showcase the activities of several federally funded programs PNWER conducted during 2022.



Alberta MLAs Miranda Rosin, Richard Gotfried (Imm. Past PNWER President), and Tracy Allard at the Washington DC LEHI Graduation (left to right)



Matt Morrison meeting with U.S. Senator Lisa Murkowski and staff on regional issues

# **U.S. Departments and Agencies PNWER engaged with in 2022:**

Executive Office of the President Department of Agriculture Department of Commerce Department of Defense Department of Energy Department of Homeland Security Department of State Department of Transportation U.S. Army Corps of Engineers

# PNWER Congressional Delegation

# **U.S.** Representatives

Mary Peltola- AK

Mike Simpson-ID

Russ Fulcher- ID

Matt Rosendale-MT

Earl Blumenauer-OR

Suzanne Bonamici-OR

Peter DeFazio-OR

Kurt Schrader-OR

Cliff Bentz-OR

Suzan DelBene-WA

Adam Smith-WA

Marilyn Strickland-WA

Jaime Herrera Beutler-WA

Pramila Jayapal-WA

Derek Kilmer-WA

Rick Larsen-WA

Dan Newhouse-WA

Cathy McMorris Rodgers-WA

Kim Schrier-WA

# **U.S. Senators**

Lisa Murkowski-AK

Dan Sullivan-AK

Jim Risch-ID

Mike Crapo-ID

Steve Daines-MT

Jon Tester-MT

Jeff Merkley-OR

Ron Wyden-OR

Maria Cantwell-WA

Patty Murray-WA

# LEGISLATIVE ENERGY HORIZON INSTITUTE



Since its inception in 2009, the Legislative Energy Horizon Institute (LEHI) has educated 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 regulation and market impacts on energy infrastructure. LEHI remains the premier education program in North America for energy policymakers. To date, LEHI has graduated over 350 legislators and policymakers from across North America.





# **LEHI IN 2022**

- The 2022 LEHI Cohort included 40 legislators and policymakers from 27 U.S. and Canadian jurisdictions - the most geographically diverse class yet.
- The 2022 LEHI program took place over two sessions -August 5-9 at Pacific Northwest National Laboratory in Richland, WA, and November 16-19 in Washington, DC.
- Participants gave the 2022 Richland and DC sessions a combined rating of 4.9 out of 5.0, the highest rated class in its history.
- The broad alumni network consists of 350+ LEHI Alumni since 2009.
- LEHI has graduated policymakers from 42 States (4 new states in 2022), 5 Canadian Provinces/Territories, DC, and Puerto Rico.
- Over 145 LEHI graduates still actively serve in state and provincial legislatures.
- 45+ LEHI graduates currently serve as chair or vice-chair of energy or environment committees in their legislature.
- In 2021, the National Governors Association partnered with LEHI to send key governor's advisors to LEHI each year.
- The 2023 LEHI Cohort is set to take place in July and October 2023.









As a founding member of the Future Borders Coalition in 2018, PNWER leaders continue to serve in leadership roles within the FBC, which has a multi-year mandate to accelerate a cohesive border vision based on improvements in technology, processes, facilities and innovation to drive ahead economic recovery, prosperity, safety and security.



# **Transportation Border Summit - October 2022**

PNWER Partnered with the Future Borders Coalition to host a Transportation Border Summit at the Embassy of Canada in Washington, DC, on October 13, 2022. The Summit was attended by more than 100 senior industry and government officials representing all modes of transportation including trade and tourism service providers, industry associations and think tanks. Keynote speakers included the Ambassador of Canada to the U.S., Kirsten Hillman; U.S. Customs and Border Protection (CBP) Commissioner Chris Magnus; Erin O'Gorman, President, Canada Border Services Agency (CBSA); John Ossowski, Managing Director, PwC Canada & Former President, CBSA; and Kevin McAleenan, Chairman & CEO, Pangiam, Former Acting United States Secretary, Department of Homeland Security. Other bi-national panels explored a range of multi-modal processes, technologies, and collaborative mechanisms to make the U.S.-Canada border more efficient, secure, and resilient.

# The Path Toward Border Digitalization - White Paper

In this 2022 White Paper Update to the 2018 publication, FBC is taking stock of changes in border management, technology and innovation with particular attention to lessons learned from COVID-19. This update, the Path Towards Border Digitization, includes proposals derived from industry and stakeholders' input through the FBC Task Forces as well as research conducted by Intervistas Consulting.





# **CENTER FOR REGIONAL DISASTER RESILIENCE**

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.

> Learn More At www.regionalresilience.org

Crisis Governing and Decision-Making: Reviewing Lessons From Emergency Management Systems in Washington State

The William D. Ruckelshaus Center is partnering with PNWER on a project funded by the Washington Legislature to compare the traditional decision-making systems in Washington State with other decision-making structures during COVID-19 and to provide recommendations for future emergency responses. The goal of the project is to implement a comprehensive, cross-jurisdictional exploration of lessons learned from the pandemic about the dynamic between traditional emergency management decision-making systems and other ways decision-making was structured for responses to the pandemic in WA. This exploration will include exploring potential embedded or practiced biases and/or structures that impact considerations of equity, inclusion, and diversity. The project will engage participants in developing a set of recommendations for decision-making systems utilized in governments, universities, businesses, and other entities.

For more information, visit www.ruckelshauscenter.wsu.edu/projects/current-projects.

# Regional Consortium Coordinating Council (RC3)

As a founding member of the RC3, PNWER continues to serve in a leadership role in the Council. The RC3 is a national forum created by the U.S. Department of Homeland Security for regional coordination among alliances for the purpose of critical infrastructure security and resilience (CISR). The mission of the RC3 is to strengthen regional collaborations that enhance protection, security, response, recovery, and resilience of the Nation's CISR. PNWER works with other partnerships across the country to share best practices and collaborate with federal, state, local and private sector partners. We continue to serve in a leadership role and frequently brief members of the RC3 on current initiatives in the Pacific Northwest.



For more information, visit www.cisa.gov/rc3-charter-membership.

# MARITIME DISASTER RESILIENCE



Learn more at www.regionalresilience.org.



Bridge Seismic Screening Tool (BSST) Projected Reopening Times of Highway Bridges in Washington after the Cascadia Subduction Zone Scenario Earthquake Graphic Courtesy of Washington State Transportation Systems RRAP, March 2019







The Federal Emergency Management Agency (FEMA) provided a Regional Catastrophic Preparedness Grant (RCPG) to King County on behalf of Central Puget Sound partners to address the enormous risk the region faces from a catastrophic earthquake. The purpose of this project is to maximize the ability of the Maritime sector to assist in the disaster response and recovery from a catastrophic earthquake when road, rail, and air transportation may be disrupted for weeks, months, and even years.

Puget Sound waterways provide a means to transport all manner of personnel, goods, and materiel that may be needed to respond to, recover from, and restore the region after a catastrophic earthquake. The RCPG project focused on six maritime areas across Puget Sound, involves public and private partners from the region and Alaska and works to identify maritime assets and capabilities that could play a role in response, recovery, and restoration efforts. Following a catastrophic earthquake, supplying the Puget Sound Region with life-sustaining commodities such as water and food will require a tremendous, coordinated effort. Current planning to supply Community Points of Distribution (CPODs) assumes that resupply will come via land routes over the Cascade Mountains from the east or by air. These delivery routes are not assured due to the significant potential for large landslides to block the few mountain passes, for bridges to collapse, for airfield runways and facilities to be significantly damaged, and for uncertain availability of aircraft.

PNWER facilitated virtual workshops in each of the six port areas of Bellingham, Bremerton, Everett, Seattle, Tacoma, and Olympia and held a final region-wide workshop in person in Tacoma. Public and private stakeholders attended the workshops from a variety of organizations. Examples of the disciplines represented include:

- Emergency Management
- Maritime Shipping Associations
- City, County, and State Government
- Port Authorities and Operators
- Public and Private Ferry Lines
- Tug, Towing, and Barge Companies
- Merchant Mariners
- U.S. Coast Guard



# **FUEL DISTRIBUTION PLAN**

The Region 6 Critical Infrastructure Working Group has completed its fuel distribution prioritization framework planning project. This project coordinated King County and the Washington State Department of Commerce fuel planning efforts to inform what the priorities will be in a fuel emergency. Additionally, this project assisted emergency fuel managers in understanding the dependencies and interdependencies that exist between the various infrastructures.

Petroleum fuels are currently supplied to King County and all of Western Washington via pipeline from Whatcom County. The system provides gasoline, diesel, and aviation fuels. There is no other source of these fuels coming into the region in quantity. The framework provides a roadmap and initial assessment of the current fuel infrastructure in the region.



An outcome of the project is a new GIS tool for KCOEM that overlays critical fuel assets, current power outages, transportation systems and other key infrastructure data.



The 2022 Idaho Cybersecurity Interdependencies Summit was held on October 13 in Boise, Idaho, at the Riverside Hotel. Approximately 200 participants representing the public and private sector from across Idaho took part in the full-day conference. This year's Cybersecurity Summit was held in conjunction with the Idaho Office of Emergency Management's Annual Preparedness Conference which took place from October 11-12.

The Summit focused on the importance of collaboration across sectors as well as current and emerging cyber-related threats and scenarios that occur in both the public and private sector and the steps that can and should be taken to protect against and combat these threats. Expert speakers from the public and private sector presented on regional resources, incident reporting, best practices, and the need for a competitive, qualified cyber workforce. The event was preceded the previous evening by a networking social which allowed participants to discuss and connect with the other attendees.





8th Idaho Cybersecurity Independencies Summit in a multi-year initiative to advance public-private partnerships across a wide range of sectors for a more disaster-resilient state and region.



# Topics of Discussion:

- Case Studies & Lessons Learned
- Collaboration Works!
- Cyber Awareness-The Cyberdome
- Cybersecurity Workforce Solutions
- Emerging Threats & Trends in Cybersecurity
- Idaho Cybersecurity Task Force
- Zero Trust Architecture



# PANDEMIC RESILIENCE ROADMAP

PNWER received federal funding through the Economic Development Administration (EDA) to develop a Comprehensive Regional Pandemic Resilience Roadmap for the Puget Sound. The Roadmap takes a cross-sector and multi-disciplinary approach to distill economic resilience best practices from across the U.S. and Canada, identifying policies and perspectives that balanced public health and safety with economic continuity. In its final form, the Roadmap will be a resource for the region to respond to pandemics and other catastrophic emergencies. The final Pandemic Resilience Roadmap will be released in spring 2023.

# Construction of the Roadmap

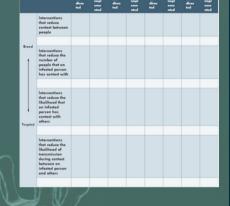
- January March 2022
  - o PNWER and BERK conducted several in-depth verbal surveys with key industry and public health organizations from across the Puget Sound and the broader Pacific Northwest, including:
    - Input from regional stakeholders from Washington, Oregon, Idaho, Montana, Alaska & British Columbia, Alberta, Saskatchewan, Yukon, and Northwest Territories
    - 41 survey respondents from key sectors of the economy
    - 30+ one-on-one interviews
    - Feedback & input from Advisory Committee Members
    - Economic data analysis & in-depth research
- May 2022 November 2022
  - Assembly of the Roadmap began by combining all of the information and data that had been collected through surveys, interviews, and COVID-19 Recovery Calls.
- November 2022
  - o PNWER and BERK partnered with Northeastern University Seattle to host a hybrid scenario-driven workshop examining the draft Pandemic Resilience Roadmap.

# Covid-19 Recovery Calls

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. PNWER continued the Series in 2022 to explore evolving pandemic challenges and highlight the innovative work being done across the region, diving into specific sectors to learn best practices with cross-sector applications. From big city cybersecurity experts to local café owner-operators, the COVID-19 Recovery Series brought in experts from across the PNWER region to share their knowledge and insight with participants and showcase the region's innovative approach to pandemic-era challenges.

# 2022 Topics

- January 19, 2022: Downtown Association's Response to the Pandemic
- February 16, 2022: Transportation & Warehousing Response to the Pandemic
- March 16, 2022: Transitioning to Digital Services in the Pandemic
- April 20, 2022: Construction & COVID: A 2022 Update on BC's Model for Collaboration & Continuity
- May 18, 2022: Manufacturing Sector's Pandemic Response & Resilience
- June 15, 2022: Food Services/Drinking Establishments Industries Response to the Pandemic
- August 17, 2022: Health & Economy Lessons from the Pandemic in Economic Resiliency
- September 21, 2022: Wastewater & Disease Monitoring
- October 19, 2022: Spotlighting Utilities During the Pandemic





# **REGIONAL INFRASTRUCTURE ACCELERATOR**

www.RIAnorthwest.org

Initiated in 2021, the PNWER Regional Infrastructure Accelerator (RIA) serves as a convener for transportation projects in the region, specifically multistate and multi-jurisdictional initiatives with multi-modal and regionwide benefits. Funded through U.S. DOT's Build America Bureau, the PNWER RIA is 1 of 10 RIAs in the U.S., and the only multi-state Accelerator. The PNWER RIA helps identify Public-Private Partnerships (P3s) and federal financing opportunities to accelerate the delivery of transportation projects with region-wide benefits that...

- Ease supply chain disruptions
- Reduce transportation-related pollution
- Increase economic and environmental justice, especially for historically underserved communities.





# **Current Projects & Objectives**

- Center of Excellence
  - Serve as regional connection to federal U.S. DOT federal credit programs including TIFIA, RRIF, and PABs. Assist communities in navigating new IIJA / BIL and Inflation Reduction Act programs.
  - o Identify, promote, and accelerate infrastructure projects of regional importance.
- Seaport Drayage Emission Reduction
  - Establish a viable pathway for sustainable CO2 emission reduction in the Port areas of Seattle and Tacoma via drayage truck decarbonization
- Pines Road Highway / Rail Grade Separation
  - · Assist and accelerate multi-modal replacement of existing atgrade highway/rail crossing in Spokane Valley, WA currently responsible for 4 hours of daily vehicle wait time, tragic accidents, and slowing the transport of goods across the region.



# **Early Achievements**

- PNWER RIA provided technical assistance to the City of Spokane Valley, WA for their 2022 RAISE grant application.
  - The City received \$21 million RAISE Grant in 2022.
  - Approximately \$6.3 million in gap funding has now been provided through Washington State's Department of Transportation.
- · Launched the first RIA program website
- Hosted several panels and launch event at the PNWER Economic Leadership Forum

- PNWER RIA hosted two policy tours of the Electric Island Medium- and Heavy-Duty EV charging facility in Portland.
  - This collaborative effort between Daimler Trucks. Portland Gas Electric (PGE), and Black & Veatch is the first publicly accessible heavy-duty EV charging station in the world!



# **CONGREGATE SOLUTIONS ACCELERATOR**

The Congregate Solutions Accelerator completed two cohorts in 2022, which concludes the active programming for the SPRINT Grant received by PNWER and several partner organizations. The Congregate Accelerator program successfully validated a premise put forth by the Innovation Working Group that linking the innovation economy with sectors in need can accelerate success. Congregate convened industry experts from the travel, hospitality and tourism sectors together with public health experts are supporting companies with capabilities to help reopen these sectors quickly and safely.

# Congregate Success by the Numbers

16 Companies completed the accelerator

Participants were minority or female founder 50%

Venture capital secured to cohort companies \$750K (estimated)

Revenue generated for cohort companies **540K** 

10 + Pilot projects completed or committed





Cohort member Shilpi Gupta, CEO of Edizeven speaking at the Congregate Showcase

# **Next Steps for Congregate**

- Continue to explore partnerships and funding opportunities for the continuation of the program.
- Currently looking at additional funding opportunities to recruit cohort companies.
- Share complete findings from the program with federal and regional partners.

# Industry partners from across the PNW supported the program

It has been a pleasure working with the Congregate Program. Learning and interacting with local emerging business leaders has allowed our organization to explore new opportunities that can positively impact our facility and guest experience. We look forward to continuing our partnerships.





Kameron Durham Managing Director - Event Services





WTIA ALASKA









































# 31ST PNWER ANNUAL SUMMIT

JULY 24-28, 2022 CALGARY, ALBERTA

Through engaging discussion, compelling keynote presentations, evening networking events, and offsite policy tours, the PNWER Annual Summit provides an opportunity to connect and strengthen relationships with legislators, government officials, private sector leaders, and academia from a broad cross-sector of industries and backgrounds. The strength of these bi-national relationships leads to real results for each jurisdiction. Special thanks to our host jurisdiction, Alberta, for hosting PNWER's 31st Summit!

# **A Diplomatic Welcome**

Ambassador Kirsten Hillman and Ambassador David Cohen started the Summit off with a discussion that touched on the Canada-U.S. relationship, energy infrastructure and security, supply chains, critical minerals, pandemic recovery and more. The session was moderated by Scotty Greenwood, CEO of the Canadian American Business Council.

# Attendee Breakdown

- 551 total delegates
- 410 Canadians
- 141 Americans
- 52 Provincial/State/ Territorial Legislators
- 17 Members of Parliament & Federal Senators
- 93 C-Suites and VPs
- 34 University & College Presidents & Academics





# **Passing the Gavel**

The PNWER Delegate Council met and elected Idaho State Senator Chuck Winder (left) as PNWER President. PNWER thanks Alberta MLA Richard Gotfried for his exceptional leadership during his presidency, and for being such a dedicated advocate for building strong regional and bi-national relationships.



Idaho State Senator Michelle Stennett received the PNWER Founder's Award. (Pictured with MLA Gotfried)



PNWER Vice President WA Rep. Cindy Ryu with Washington Lt. Governor Denny Heck

# Carbon Innovation Station-Alberta's **Pathway to Net Carbon Neutral:** A Clean Tech Energy Showcase

Hosted by Capitol Power, the Clean Tech Showcase during the Annual Summit was an opportunity to discover some of the innovative companies within Alberta working to reduce GHG Emissions and move toward Net Zero solutions.













Thank you to Cenovus for hosting a group of regional legislators and policymakers to visit Cenovus Energy's Christina Lake oil sands project in northeastern Alberta, the largest and best performing steamassisted gravity drainage (SAGD) project, where the company uses industry-leading drilling technologies and practices to help ensure the safe and environmentally responsible production of its reservoirs.



Leading border experts discussed the future of border travel and opportunities to improve border efficiencies. Led by Border Co-Chair Laurie Trautman, Director of the Border Policy Research Institute.

Calgary Mayor Jyoti Gondek welcomed PNWER delegates to Calgary and asked delegates to "embrace the place where we have gathered."





PNWER delegates were honored to hear a story of Indigenous history from Hal Eagletail and witness the powerful performances of the dancers from Tsuu T'ina.

Alberta Minister of Energy Sonya Savage addresses the attendees on a North American Energy security strategy.



# **AQUATIC INVASIVE SPECIES** PREVENTION EFFORTS

A major priority for PNWER is the prevention of aquatic invasive species in the region. PNWER regularly informs and advocates for invasive species funding, education, and prevention efforts at both the regional and federal levels. PNWER continues to champion efforts to combat the spread of invasive guagga and zebra mussels to the Pacific Northwest. Working with and promoting collaboration between state and provincial agencies, PNWER works to form a more coordinated regional defense perimeter to fight invasive mussels.

A outcome of the Annual Summit was the development of a draft Memorandum of Understanding between Western Canada And Northwest United States for Coordinated Defense Against Invasive Mussels. The goal of which is to mitigate the risk of invasive mussels.

# **Total Federal Funding to Date**

Idaho \$9,426,301 Montana \$12,062,059 Oregon \$3,251,090 Washington \$2,950,000

Total Match \$27,689,450

# TRANSBOUNDRY FERAL SWINE SUMMIT

Held during the PNWER Annual Summit in Calgary, the Transboundary Feral Swine Summit explored Feral Swine and African Swine Fever risks to the U.S. and Canada. Feral Swine [wild pigs] can transmit dangerous diseases to humans and livestock, as well as damage the economy and environment in both the U.S. and Canada. The Transboundary Feral Swine Presentations showcased the challenges and important work the region is doing to respond as well as mitigate the risk from Wild Pigs.



Dr. Ryan Brook presents on feral swine impacts to the region at the Calgary Summit.



Feral swine can cause severe damage to farm land as well as a vector for diseases.



Hilo, the aquatic invasive species sniffing dog, checking out the feral swine display. Who is a good dog?



# 2022 ECONOMIC LEADERSHIP FORUM

# DECEMBER 4-6 | PORTLAND, OREGON



# 2022 Forum Topics Included...

A Northern Example - Public-Private Partnerships in the U.S. & Canada

**Decarbonizing Big Rigs** 

**Practical Electrification: Aligning Utility Business Models with Transportation Electrification Goals** 

A Federal Perspective on Disaster Resilience in the Pacific Northwest

Harnessing the Innovation Economy to **Address Critical Challenges** 

**Public-Private Partnerships for Transportation & Affordable Housing** 

**Energy & Security Sustainability in the Current Geopolitical Climate** 

The PNWER 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. Speakers addressed the challenges & critical nature of increasing accessibility to reliable, affordable broadband and digital equity across our region and the need for connectivity for members of our rural communities.





Willie Nunn, Administrator, FEMA Region X (above) provided thoughts on regionally-focused disaster resilience efforts for the Pacific Northwest.

PNWER formally launched their Regional Infrastructure Accelerator (RIA) program in Portland, OR. Betz Mayer, PNWER RIA Assistant RIA Director, and Bruce Agnew, PNWER RIA Director, pictured left.

"Washington has been able to position itself as a national leader because of the collaborative nature of the Pacific Northwest Economic Region. Thank you PNWER for all you do to deepen relations between states and borders and aid in our state reaching its full potential."

- Washington State Lieutenant Governor Denny Heck



# Regional & Equitable Infrastructure Investment

"Priorities change, but values remain. Building partnerships and finding common ground is critical." Featuring U.S. Representative Elect Val Hoyle (virtual); Niilo Edwards, First Nations Major Projects Coalition (virtual); Andrew Johnsen, CSCG; Tiffany Bohlin, Muller Bohlin Associates; Honorary Consul Bart Eberwein.

# **Electric Island Policy Tour**

Attendees visited Electric Island, the first publiclyaccessible Medium and Heavy-Duty EV charging site in North America. Electric Island is an innovative partnership between Daimler Trucks, Portland General Electric, and Black & Veatch.



# Pacific NorthWest Econon Region

# **Supply Chain Resiliency**

Sen. Lew Frederick moderated a discussion with Curtis Robinhold, Executive Director of the Port of Portland, and Dave Dillon, President of Food Northwest, on creating resiliency in the global supply chain, and how our region can prepare now to meet future demand.

# Regional Legislative Roundtable

PNWER Legislative Leadership discussed the key priorities in the upcoming legislative sessions in their respective jurisdictions. The housing crisis was a major concern across jurisdictions. Session featured ID, OR, AK, WA, BC, AB, and SK.



# **Broadband Infrastructure for Accessibility**

Moderated by Sen. Lew Frederick, this session featured Oregon Broadband Manager Daniel Holbrook, WA Broadband Director Mark Vasconi, BC Parliamentary Secretary for Rural Development MLA Roly Russell, and David Don, VP, Comcast Corporation.

# 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.

# <u>Agriculture</u>



Alberta



**Patrick Kole** Vice President **Idaho Potato Commission** 

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 UDMCA and the Regulatory Cooperation Council (RCC) Action Plan.

# Border & Trade



Sen. Mike Cuffe Montana



**Laurie Trautman** Director **Border Policy Research** Institute, WWU

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



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



**Director ID Office of Emergency Mgmt** 

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**



Richard Gotfried, MLA Alberta



Gynii Gilliam **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.

# **Energy and Environment**



Rick Glumac, MLA Premier's Ligison 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.

# <u>Forestry</u>



Jason Krips **President & CEO Al Forest Products Association** 



Travis Joseph **President 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.

# Innovation



Sen. Mia Costello Alaska



Nirav Desai CEO **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**



**Justin Bush Executive Coordinator WISC** 



**Martina Beck Unit Head BC Ministry of Land, Water &** Resource Stewardship

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.

# **Mining**



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.

# **Tourism**



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.

# <u>Transportation</u>



Sen. Chuck Winder Idaho



**Bruce Agnew Director** Cascadia Center

PURPOSE: Collaborates in public policy of transportation corridors and gateways, shares best practices on technology development, infrastructure financing, and addresses the challenges of multi-modal market access to global markets.

# **Water Policy**



Sen. Jim Honeyford **Washington** 



**David Hill Director of Development** University of Lethbridge

PURPOSE: Addresses regional water policy issues and connects legislators, private-sector, and universities to identify best practices to improve water security, climate change adaption, and water storage options.

# Workforce Development

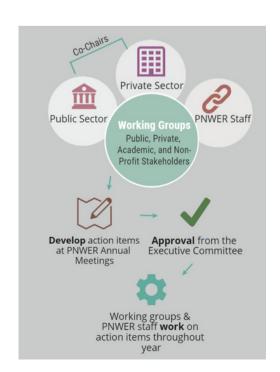


Sen. Lisa Wellman Washington



**Russ Kinghorn** APEG-BC

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 AGRICULTURE STATEMENT

Our cross-border integrated agriculture supply chains are vital to the region's competitiveness internationally. These interdependent cross border connections allow producers to feed North America and the world. However, Ag supply chains are highly dependent on aging critical transportation infrastructure that must be upgraded to sustain and expand economic growth and enhance community resilience.

Canada and the U.S. are engaged in parallel initiatives to improve supply chains and transportation infrastructure in their respective countries, but have few avenues for strategic collaboration. Canada established a Supply Chain Task Force to provide recommendations for improving supply chains, and will fund infrastructure projects through its National Trade Corridor Fund. The U.S. established a Supply Chain Disruptions Task Force to address bottlenecks, and will use programs like the Port Infrastructure Development Program to invest in much-needed infrastructure. We see an important strategic opportunity for Canada and the U.S. to greatly enhance their respective investment efforts by collaborating as bi-national partners, promoting participation and input from each other. Collaboration and dialogue on strategic supply chain infrastructure investments is a win for our region and North American Agriculture exports.

As co-chairs of the PNWER Agriculture Working Group, we urge both the U.S. and Canadian federal, state/provincial, and local governments, as well as our essential private sector partners to work together to plan and implement strategic investments in modernizing critical supply chain infrastructure to enhance the competitiveness of the cross border region. These coordinated strategic investments will result in shared economic growth, and new business opportunities with more and better jobs for all.

# **ROADMAP TO RESILIENT ULTRA-LOW ENERGY BUILDINGS** WITH DEEP INTEGRATION OF RENEWABLES

In 2022, progress on the Roadmap to Resilient Ultra-Low Energy Buildings with Deep Integration of Renewables was continued, and a draft of the Roadmap was completed. Originating out of the 2014 PNWER Summit, the Roadmap is a multi-year effort, led by the Canadian Academy of Engineering, to develop more resilient buildings, achieve net zero emissions, minimize costs, maximize public safety, and increase energy efficiency in moving towards decarbonization in the built environment. The Roadmap will provide strategic recommendations to maximize the affordability of the energy transition for buildings toward net-zero operating emissions by optimizing energy efficiency and maximizing resilience. For both new and existing buildings, the Roadmap seeks to establish a series of overarching principles that can help to guide policy development and provide a framework to help policymakers make more informed policy decisions.

PNWER was key partner in helping to drive the development of the Roadmap concept and secure and leverage key funding for research. The concept for a Roadmap was established at the 2014 PNWER Summit, and built upon at subsequent PNWER Summits. At the 2022 PNWER Summit, a panel was held on "Bridging Silos to Catalyze Decarbonization and Resilience of Buildings", which focused on aligning and improving collaboration across the various sectors that work on resilience and decarbonization of buildings. This panel was coordinated to help advance the work of the Roadmap. The work of Roadmap project will be ongoing in the coming years.

# **PARTNERS, SUPPORTERS, & MEMBERS**

# PNWER IS GRATEFUL FOR THE SUPPORT OF OUR REGIONAL PARTNERS!

# STATUTORY MEMBERS

- Alaska
- Alberta
- British Columbia
- Idaho
- Montana
- Northwest Territories
- Oregon
- Saskatchewan
- Washington
- Yukon

# **ACADEMIC PARTNERS**

- Border Policy Research Institute at WWU
- Institute of Health Economics/One Society Network
- Northeastern University
- Portland State University
- University of Idaho
- University of British Columbia
- University of Victoria
- University of Washington
- Western Washington University

# **GOVERNMENT PARTNERS & ASSOCIATIONS**

- Canada Border Services Agency (CBSA)
- Cascadia Innovation Corridor (CIC)
- City of Calgary
- City of Seattle
- Consulate General of Canada in Seattle
- Cyber Incident Response Coalition & Analysis Sharing (CIRCAS)
- Energy Council
- Federal Emergency Management Agency (FEMA)
- Future Borders Coalition (FBC)
- Government of Canada
- Idaho National Laboratory (INL)
- Idaho Office of Emergency Management
- King County Office of Emergency Management
- Montana Department of Natural Resources and Conservation
- Montana Invasive Species Council
- NASCO
- National Conference of State Legislatures

- Pacific Northwest National Laboratory (PNNL)
- Snohomish County Office of Emergency Management
- Tourism Calgary
- Travel Alberta
- U.S. Consulate General in Calgary
- U.S. Consulate General in Vancouver
- U.S. Customs & Border Protection
- U.S. Department of Agriculture-Animal and Plant Health Inspection Service
- U.S. Department of Energy
- U.S. Department of Homeland Security
- U.S. Department of Transportation
- U.S. Economic Development Administration (EDA)
- Washington Invasive Species Council
- Washington State Homeland Security Region 6
- Washington State Military Department
- Western Governors Association (WGA)

# SUPPORTERS & MEMBERS OF PRIVATE SECTOR COUNCIL

- **ACES Northwest Network**
- AJM
- Alaska Airlines
- Alaska Travel Industry Association
- Alberta Beef Producers
- Alberta Cattle Feeders Association
- Alberta Forest Products Association
- AltaLink
- AME BC
- American Gas Association
- American Public Power Association
- American Rural
- Association of Professional Engineers & Geoscientists of BC
- Association of Professional Engineers & Geoscientists of Saskatchewan
- ATCO
- Battelle
- Benton Rural Electric Association
- BERK Consulting
- Berkshire Hathaway Energy
- BHE Canada
- **BNSF** Railway
- BP
- Calgary Economic Development
- Canadian American Business Council
- Canadian Cattle Association
- Canadian Energy Pipeline Association (CEPA)
- Canpotex
- Capital Power
- Cenovus
- Central Alberta Economic Partnership (CAEP)

- CNRL
- Cruise Lines International Association (CLIA)
- Dena Nezzidi Development Corporation
- Denendeh Investments
- Devon Energy
- Economic Developers Alberta
- Edmonton Global
- Enbridge
- Enmax
- **EQL** Energy
- ExxonMobil
- Fasken Martineau
- Fluid Energy Group Ltd/SixRing Inc.
- **Food Northwest**
- FortisBC
- Hecla Mining Company
- Idaho Dairymen's Association
- Idaho Potato Commission
- Idaho Power
- Idaho Water Users Association
- J.R. Simplot
- Marathon Petroleum
- **MDU** Resources
- Microsoft
- Mitsubishi Power
- Moonbeam Exchange
- National Cattle Feeders Association
- Nelson Mullins
- Northwest Cement Council
- Northwest Gas Association
- Northwestern Energy
- Nuclear Energy Institute
- Nutrien
- **NWT BDIC**
- Oregon PUD Association

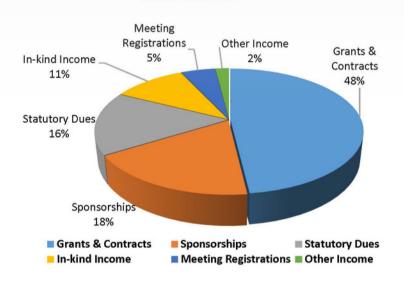
- Pacific Northwest Building Resilience Coalition
- Pacific Northwest Law Group
- Perkins Coie
- Platform Calgary
- Port of Bellingham
- Port of Bremerton
- Port of Everett
- Port of Olympia
- Port of Seattle
- Port of Tacoma
- Port of Vancouver/Fraser Port Authority
- Portland General Electric
- PostMedia.
- Puget Sound Energy
- Quad-Lock
- Rubicon Strategy
- Salesforce
- Saskatchewan Cattlemen's Association
- Schneider Electric
- Seft Consulting
- Shell Energy North America
- Sheridan Electric
- South Island Prosperity Partnership
- Supply Chain Canada
- Teck
- The Washington Companies
- Transalta
- Washington Public Utility Districts Assoc. (WPUDA)
- Washington Technology Industry Association
- Washington Tourism Alliance
- WestJet
- **Zions Bank**

# FINANCIAL REPORT

# The Pacific Northwest Economic Region Foundation operates as a U.S. 501(c)6 non-profit organization.

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

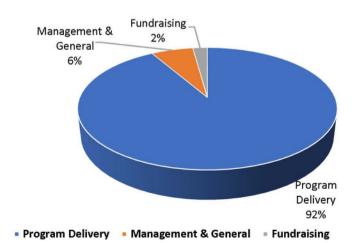
# **REVENUE**



# **FISCAL YEAR 2022 REVENUE**

<b>Grants &amp; Contracts</b>	1,228,144
Sponsorships	460,435
Statutory Dues	416,000
In-kind Income	269,780
Meeting Registrations	127,857
Other Income	50,525
Total Revenues	2,552,740

# **EXPENSES**



# **FISCAL YEAR 2022 EXPENSES**

Total Expenses	2.468.927.76
Fundraising	53,390.53
Management & General	153,682.33
Program Delivery	2,261,854.90





# **32nd Annual Summit** July 16 - 20, 2023 | Boise, ID



# 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

The Annual Summit will bring together over 500 state and provincial legislators and government and industry leaders from throughout the U.S. and Canada to discuss regional economic best practices and trade concerns, among other topics. It will be an opportunity to engage with our region's key decision makers from both sides of the border.









and networking breaks

125 expert speakers from the U.S. and Canada

500+ Legislators, Business Leaders,

Public & Private
Sectorfrom Ten States
and Provinces

For more information, visit www.pnwer.org/2023-summit.

Agriculture
Border
Cross-Border Livestock
Health
Disaster Resilience
Economic Development
Energy
Energy & Environment
Forestry
Infrastructure Resilience
Innovation
Invasive Species
Mining
Tourism
Trade
Transportation
Water Policy
Workforce



# Pacific NorthWest Economic Region

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