The Ramona Building—a low-income apartment complex in Portland, Oregon—met the Architecture 2030 Challenge.
The Northwest: A Net-Zero Leader

The “Roadmap to Resilient, Ultra-Low Energy Buildings in the Pacific Northwest” is designed to improve resilient and energy efficient residential, commercial, public sector and industrial buildings across the region. The Roadmap is guided by three strategies:

1. **Facilitate the achievement of Net-Zero or ultra-low emissions and energy use for new buildings by 2030 and encourage reduction of energy use and emissions of existing buildings.**

2. **Focus on collaborative measures with all levels of government and the private sector.**

3. **Develop policies and tools appropriate for each jurisdiction.**

To address this mission, the Roadmap will include:

- Market-driven solutions
- Policy best practices: education, leadership, program and regulatory options
- Proposed targets, timeline, and milestones
- Estimated costs and benefits including job creation
- Roles and responsibilities of team members
- Risk identification and management
- Measurement, evaluation and reporting

**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 dependency on aging infrastructure.

- **Promotes job creation**
  - Spurs new jobs in trades, manufacturing, professional services, information technology and financing sectors.

- **Increases affordability and value of buildings**
  - Reduces energy costs for consumers. Improves comfort, health, and aesthetics.

**Contributors**

British Columbia Ministry of Energy and Mines
Construction Center of Excellence
Council of ICF Industries
FortisBC
RDH Building Science
The Northwest: Why Net-Zero?

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

PNWER is establishing a network of key influencers, chaired by a legislative and a private sector lead in each jurisdiction, to help identify and develop the best strategies appropriate for their jurisdictions. The network members will provide input on the Roadmap, procure technical information, share their expertise and coordinate outreach efforts.

Key influencers come from a variety of backgrounds and may include:
- State/provincial/territorial governments
- Construction industry associations
- Professional associations
- Net-Zero developers/builders/contractors
- Energy efficiency agencies
- Financial sector
- Technology providers
- Building operators
- Academic institutions
- Public utilities
- Public interest organizations
Legislative Support

As a respected non-partisan regional organization, PNWER has been able to garner support for creating the largest unified region of Net-Zero buildings. The PNWER executive committee endorsed the Roadmap, with support from voting members, including:

Dan Ashton, MLA, PNWER President, British Columbia
Colin Smith, Private Sector Co-chair, APEGBC
Rep. Deb Boone, Oregon
Rep. Chuck Winder, Idaho
Larry Doke, MLA, Saskatchewan
Robyn Luff, MLA, Alberta
Sen. John Coghill, Alaska
Sen. Arnie Roblan, Oregon
Sen. Maralyn Chase, Washington
Rep. Mike Cuffe, Montana
Hon. Stacey Hassard, Yukon

For more information:
www.pnwer.org/energy-and-environment

Jennifer Grosman
jennifer.grosman@pnwer.org
206-443-7723

Retrofitted Belmont Apartment Building in Vancouver, B.C.

Contributors

Creating this Roadmap requires the investment of contributors interested in developing a guide for policymakers and private sector investment for the coming decade. Sponsors provide valuable perspectives to the Energy and Environment Working Group.

Benefits:

• Increase visibility among energy efficiency professionals, advocacy organizations, and businesses.
• Logo placement on the PNWER website and all Roadmap documents including the White Paper.
• Receive key information on energy efficiency sector including current and future state of the market.